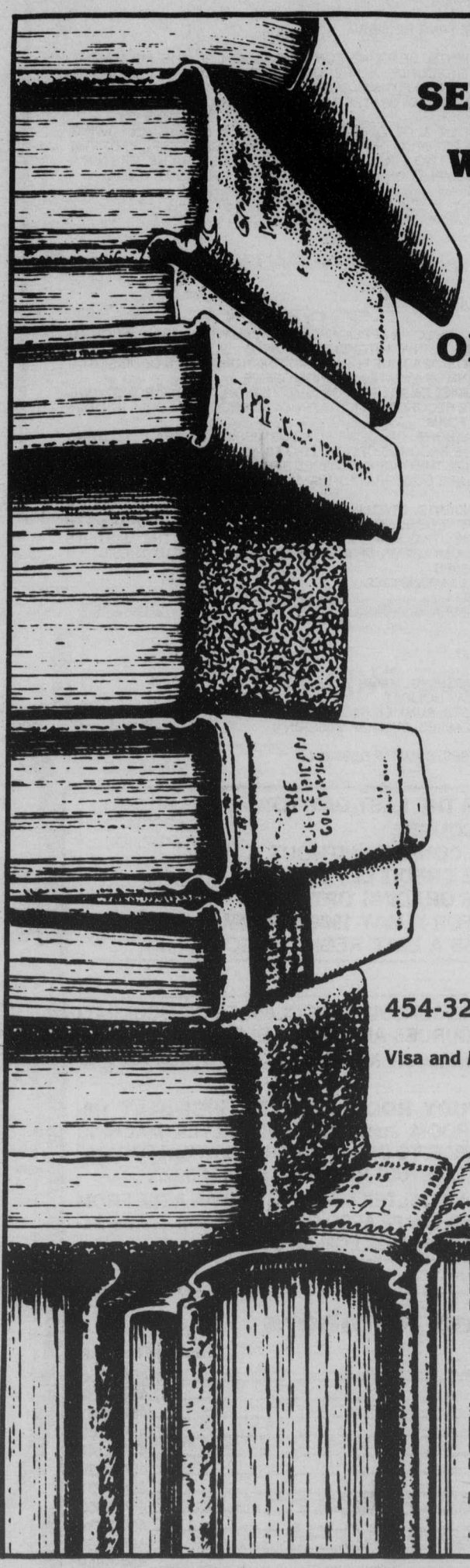
Volume:
1989
Spring Semester
1st Edition

SCHEDULE OF CLASSES

The University of Maryland College Park Campus

First Edition, Spring 1989



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IMPORTANT REGISTRATION DATES
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Disabled Student Services

Provisions are available for special assistance for students with disabilities. For further information contact the Disabled Student Services Office on x5028 (voice) or x5029 (Tdd).

Off-Campus Housing Service

The Office of Commuter Affairs provides a free listing and referral service for all students, faculty and staff of the University who are seeking housing or have a property to rent. The office is located in 1195 Stamp Student Union and is open Monday-Friday, 8:30 a.m.-4:30 p.m. Extension X3645.

For the purposes of this publication the term University of Maryland refers only to the campuses existing prior to July 1, 1988. This includes the campuses at Baltimore, Baltimore County, College Park, Eastern Shore and University College.

ATTENTION:

NEW PASS-FAIL GRADING OPTION POLICY FOR SPRING 1989 REGISTRATION
SEE PAGE 26

University Calendar 1988-89

Fall Semester 1988

SEPTEMBER
- 5 —Monday — LABOR DAY HOLIDAY
- 6 —Tuesday — FIRST DAY OF CLASSES
- 19 —Monday — LAST DAY TO SUBMIT DIPLOMA APPLICATION FOR DECEMBER 1988 GRADUATION TO THE REGISTRATIONS COUNTER, LOBBY, MITCHELL BUILDING.
- 21 —Wednesday — YOM KIPPUR
- 26 —Monday — **DOCTORAL STUDENTS.** DEADLINE FOR SUBMITTING NOMINATION OF DISSERTATION COMMITTEE FORM TO THE GRADUATE RECORDS OFFICE.

OCTOBER
- 17 —Monday — **MASTERS STUDENTS.** DEADLINE FOR SUBMISSION OF THE FOLLOWING MATERIALS TO THE GRADUATE RECORDS OFFICE: APPROVED PROGRAM FORM; NOMINATION OF THESIS COMMITTEE FORM.

NOVEMBER
- 24-27 —Thursday to Sunday — THANKSGIVING RECESS

DECEMBER
- 1 —Thursday — **DOCTORAL STUDENTS.** DEADLINE FOR SUBMISSION OF THE FOLLOWING MATERIALS TO THE GRADUATE RECORDS OFFICE: TWO FINAL, ACCEPTABLE COPIES OF THE COMPLETED DISSERTATION; THE ORIGINAL SIGNED REPORT OF THE ORAL EXAMINING COMMITTEE; SURVEY OF EARNED DOCTORATES; UMI MICROFILM CONTRACT; UMI/UMCP AGREEMENT.
- 7 —Wednesday — **MASTER'S STUDENTS.** DEADLINE FOR SUBMISSION OF THE FOLLOWING MATERIALS TO THE GRADUATE RECORDS OFFICE: THE ORIGINAL SIGNED REPORT OF THE ORAL EXAMINING COMMITTEE; TWO FINAL ACCEPTABLE COPIES OF THE MASTER'S THESIS **OR** CERTIFICATE OF COMPLETION OF MASTER'S DEGREE WITHOUT THESIS.
- 13 —Tuesday — LAST DAY OF CLASSES
- 14 —Wednesday — EXAM STUDY DAY
- 15-22 —Thursday-Thursday — FINAL EXAMINATIONS
- 23 —Friday — COMMENCEMENT

Spring Semester 1989

JANUARY
- 23 —Monday — FIRST DAY OF CLASSES

FEBRUARY
- 3 —Friday — LAST DAY TO SUBMIT DIPLOMA APPLICATIONS FOR MAY 1989 GRADUATION TO THE REGISTRATIONS COUNTER, LOBBY, MITCHELL BUILDING.
- 13 —Monday — **DOCTORAL STUDENTS.** DEADLINE FOR SUBMITTING NOMINATION OF DISSERTATION COMMITTEE FORM TO THE GRADUATE RECORDS OFFICE.

MARCH
- 3 —Friday — **MASTER'S STUDENTS.** DEADLINE FOR SUBMISSION OF THE FOLLOWING MATERIALS TO THE GRADUATE RECORDS OFFICE: APPROVED PROGRAM FORM; NOMINATION OF THESIS COMMITTEE FORM.

APRIL
- 26 —Wednesday — **DOCTORAL STUDENTS.** DEADLINE FOR SUBMISSION OF THE FOLLOWING MATERIALS TO THE GRADUATE RECORDS OFFICE: TWO FINAL ACCEPTABLE COPIES OF THE COMPLETED DISSERTATION; THE ORIGINAL SIGNED REPORT OF THE ORAL EXAMINING COMMITTEE; SURVEY OF EARNED DOCTORATES; UMI MICROFILM CONTRACT; UMI/UMCP AGREEMENT.

MAY
- 3 —Wednesday — **MASTER'S STUDENTS.** DEADLINE FOR SUBMISSION OF THE FOLLOWING MATERIALS TO THE GRADUATE RECORDS OFFICE: THE ORIGINAL SIGNED REPORT OF THE ORAL EXAMINING COMMITTEE; TWO FINAL ACCEPTABLE COPIES OF THE MASTER'S THESIS **OR** CERTIFICATE OF COMPLETION OF MASTER'S DEGREE WITHOUT THESIS.
- 15 —Monday — LAST DAY OF CLASSES
- 16-24 —Tuesday-Wednesday — FINAL EXAMINATIONS
- 25 —Thursday — COMMENCEMENT
- 30 —Tuesday — MEMORIAL DAY HOLIDAY

Summer Sessions 1989

JUNE
- 5 —Monday — FIRST DAY OF CLASSES, SUMMER SESSION I

JULY
- 4 —Tuesday — INDEPENDENCE DAY HOLIDAY
- 14 —Friday — LAST DAY OF CLASSES, SUMMER SESSION I
- 17 —MONDAY — FIRST DAY OF CLASSES, SUMMER SESSION II

AUGUST
- 25 —Friday — LAST DAY OF CLASSES, SUMMER SESSION II

FEBRUARY 3rd IS THE LAST DAY TO:
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- **DROP A COURSE (WITHOUT A "W")**
- **CHANGE CREDIT LEVEL**
- **CHANGE GRADING OPTION**
- **APPLY FOR A MAY 1989 DIPLOMA**
- **PROCESS A LATE REGISTRATION**

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COUNSELING CENTER	454-2931
DINING SERVICES	454-4106
GRADUATE ADMISSIONS	454-3141
GRADUATE RECORDS	454-5428
HORNBAKE LIBRARY	454-4737
McKELDIN LIBRARY	454-2853
REENROLLMENT	454-2734
REGISTRATION APPOINTMENT	454-7950
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RESIDENT LIFE	454-2711
STUDENT UNION	454-2801
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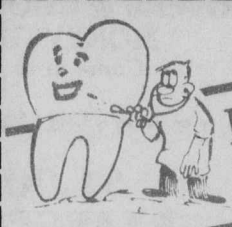
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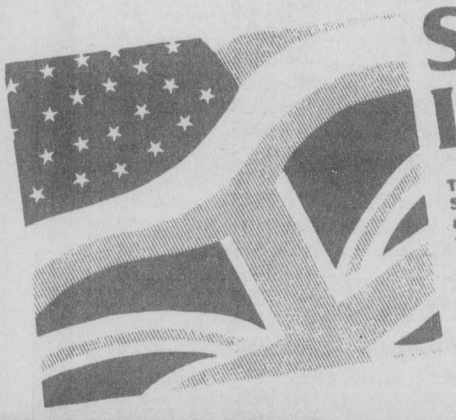
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CP-2

Undergraduate Registration Procedures

All eligible undergraduate students will be mailed registration appointments for Spring 1989. Appointment times will be based on student credit level and scheduled between November 1 and December 8, 1988.

ALL STUDENTS ARE ENCOURAGED TO TAKE ADVANTAGE OF THIS OPPORTUNITY. (Students participating in this system will have the best opportunity to obtain their Spring 1989 course schedule.)

Students who owe money to the University are not eligible to register until they clear their account. To become eligible to register at your appointment time, obtain a bill clearance from the Bursar's Office, Room 1103, Lee Building, prior to your appointment.

The following steps should be completed at least one week prior to your appointment date.

REGISTRATION STEPS

STEP 1 — Go to your department location as indicated in your letter, according to the dates in your letter. Beginning October 24, 1988, unofficial transcripts and registration materials will be available at all department locations.

Students who were Academically Dismissed or on Academic Warning at the end of the Fall 1988 semester are required to have advisement prior to their registration appointment. Your registration form must have your department stamp in the advising box as proof of advisement.

Advisement is **mandatory,** prior to your appointment for students in:

— College of Agriculture
— School of Architecture
— College of Computer, Mathematical & Physical Sciences
— College of Engineering
— College of Human Ecology
— College of Life Sciences
— I.E.D. Program
— Student Athletes

Advisement is also mandatory for students lacking fundamental studies requirement. See page 26 for policy.

In addition to the above other Colleges and majors may have mandatory advisement. Check your appointment letter for specific requirements.

It is recommended that students set up appointments to see their advisors as early as possible.

STEP 2 — Review course listings for restrictions. Some courses are restricted. All course restrictions are indicated with the course in the COURSE LISTING section of this SCHEDULE OF CLASSES. See page 32, HOW TO READ COURSE LISTINGS, for information. Courses with (PermReq) to the left of the course listing indicates permission is required prior to registering for the course. Read the entire course listing for other restrictions. Some courses are open to majors only, others have GPA or cumulative credit requirements. Read course listings carefully to determine if the course is restricted. Students planning to request restricted courses must go to the department offering the course for authorization, unless the course is listed as "Majors Only" and the student is officially listed as a major in that department. (In that case it is not necessary for the student to obtain authorization.) Students should be sure they have authorization prior to their registration appointment time.

OTHER RESTRICTIONS:

1) 19 Credit Limit — To register for more than 19 credits, students must have written approval of their Dean.
2) Undergraduates Requesting Graduate Level Courses — Students must have written approval of their Dean.
3) Time conflicts are not permitted. Exceptions to this policy require written approval of student's Dean.
4) Undergraduates requesting Pass/Fail grading method, see page 26 for new policy.

STEP 3 — Complete Undergraduate Schedule Request Form prior to appointment date and time. Make sure you are eligible for all courses requested.

STEP 4 — Go to Room 1130, Mitchell Building, at the day and time of your assigned appointment.

ATTENTION: GRADUATING SENIORS — MAY DEGREE CANDIDATES. If you wish to register for Spring 1989, **make your appointment early.** Beginning October 27, call 454-7950 to schedule an appointment. NOTE: Prior to October 27 this is not a working number.

Students may continue to register and drop/add in the Registration Center, Room 1130, Mitchell. See Registration and Schedule Adjustment Calendar for dates and hours of registration.

Waitlist Information

A waitlist is a sequential file of students, in "first come, first served" order of their requests, who are waiting to get into a closed course should a seat open at some future time. Not all courses have waitlists; it is up to the department to offer the waitlist option.

Being placed on a waitlist is not a guarantee that the student will receive the course. A student may not waitlist a section of a course if that student is currently registered for another section of the same course.

When waitlisting a course, the student should have other options in case no seats become available in the desired course. Students who decide to waitlist a closed course may select up to six sections. No priority is assigned to these sections. Therefore, students are strongly urged not to waitlist a section which will conflict with existing scheduled courses.

Students sign up for waitlist during early registration or schedule adjustment. A form will be issued at this time. Please read this form carefully for detailed waitlist check-in instructions.

Registration & Schedule Adjustment Calendar

OCTOBER 24	**Begin advising and picking up materials at department.**
NOVEMBER 1-DECEMBER 8	**Undergraduate students register by appointment according to credit level.**
NOVEMBER 1-JANUARY 6	**Graduate students register by mail.**
DECEMBER 12-22	**Registration and schedule adjustment (drop/add) walk-in 8:45-11:45 a.m.**
DECEMBER 26-JANUARY 2	**University closed.**
JANUARY 3-17	**Registration and schedule adjustment (drop/add) walk-in 8:45-11:45 a.m.**
JANUARY 16	**University closed — Martin Luther King Holiday.**
JANUARY 19-27	**Registration and schedule adjustment (drop/add) Armory (Late Registration begins January 23, $20.00 fee). Appointment needed.**
JANUARY 30-FEBRUARY 3	**Continue schedule adjustment (drop/add) and Late Registration ($20.00 fee) 8:45-11:45 a.m. & 1:00-4:00 p.m., Mitchell Building.**

NOTE: 454-7950 is not a working number prior to October 27.

Graduate Student Registration Procedures

ATTENTION GRAD STUDENTS — MAIL-IN REGISTRATION PROCESS AVAILABLE

GENERAL INFORMATION

ALL GRADUATE STUDENTS ARE ENCOURAGED TO TAKE ADVANTAGE OF THE MAIL-IN REGISTRATION PROCEDURE. EARLY REGISTRATION WILL BE HELD FROM **NOVEMBER 1, 1988 THROUGH JANUARY 6, 1989.** EACH DEPARTMENT/PROGRAM WILL CONTROL THE DISTRIBUTION OF MATERIALS FOR GRADUATE STUDENTS.

Your department/program has indicated their requirements in the Graduate Registration Procedure Chart on page 8. Please review this information carefully and follow the instructions associated with your department. Questions may be addressed to the department/program office or Graduate School (454-4004).

Currently enrolled graduate students will receive a postcard notifying them about registration procedures. Financially ineligible graduate students must adhere to the following procedures prior to registration:

1. Complete bill payment at the Bursar's office, Room 1103 Lee Building.
2. Obtain a Financial Clearance from the Bursar's office.
3. Take the clearance to your department to pick up registration materials. Include copy of clearance form with schedule request form.

REGISTRATION STEPS:

STEP 1 — Review the chart below to determine departmental requirements based on status as a newly admitted or returning graduate student.
NEWLY ADMITTED: Any student receiving an admission letter from the Graduate School for Spring 1989.
RETURNING STUDENT: Any student admitted to a Graduate program prior to and including Fall 1988, and currently eligible to register.

STEP 2 — If advising is mandatory, or needed, contact the department to arrange an appointment. If no advising is required, student must contact the department about distribution of schedule request form and transcript.

STEP 3 — Review course listings for restrictions. Some courses are restricted. All course restrictions are indicated with the course in the COURSE LISTING section of this SCHEDULE OF CLASSES. See page 32, HOW TO READ COURSE LISTINGS, for information. Courses with (PermReq) to the left of the course listing indicates permission is required prior to registering for the course. Read the entire course listing for other restrictions. Some courses are open to majors only, others have GPA or cumulative credit requirements. Read course listings carefully to determine if the course is restricted. Students planning to request restricted courses must go to the department offering the course for authorization, unless the course is listed as "Majors Only" and the student is officially listed as a major in that department. (In that case it is not necessary for the student to obtain authorization.) Students should be sure they have authorization prior to their registration appointment time.

STEP 4 — Complete Graduate Schedule Request Form and return it to the department or to the Registrations Office, as indicated in the Graduate Registration Procedure Chart on the following page.
NOTE: If the department permits, students may return the form directly to the Registrations Office by mail:
Registrations Office
Room 1130
Mitchell Building
College Park, Maryland 20742
or in person. (See Registration and Schedule Adjustment Calendar, page 6 for specific dates and times.)

STEP 5 — Confirmation of Spring 1989 schedules will be mailed to students according to the following schedule.

BILLING INFORMATION

Course Request received	*Schedule, Bill and Registration Card sent:*
Through December 9	December 13
December 12-January 13	January 17

Continuous Registration

(Doctoral Students Only)
Following advancement to candidacy by the Graduate Council for the doctoral degree, every graduate student must register each fall and spring semester until the degree is awarded. Contact the Office of Graduate Studies and Research for more complete information (454-5438).

Graduate Student Refund Schedule for Dropping Courses

Graduate students are charged by the credit hour. A percentage charge and/or complete charge for the course may be imposed if the deadlines indicated below are not followed.

1. January 20 and earlier (prior to the first day of classes) ..... 100% refund
   There will be no charge for courses *dropped* by this date.
2. January 23-27 (first five days of classes) ..... 80% refund
   There will be a 20% charge imposed for courses *dropped* during this period.
3. January 30 and after ..... 0% refund
   Student will incur full charge for courses *dropped* during this period.
4. February 6 and after: a $2.00 charge is imposed for *each* drop processed (to be billed).

Students who wish to drop one course and add another at the same credit level must accomplish both transactions on the *same* day to insure additional charges are not imposed.

Refer to Summary of Spring Semester Deadlines for other important dates.

Graduate Students — Summary of Spring Semester 1989 Deadlines

January 6 ..... Last day for mail-in registration
January 16 ..... Martin Luther King Day Holiday
January 23 ..... First Day of Classes
January 23 ..... Late Registration Begins through February 3
February 3 ..... Last day to submit applications for the May 1989 Commencement to the Registrations Counter, Mitchell Building
February 13 ..... DOCTORAL STUDENTS: deadline for submitting Nomination of Dissertation Committee form to the Graduate Records Office for May 1989 Commencement
March 3 ..... MASTER'S STUDENTS: deadline for submission of the following materials to the Graduate Records Office for May 1989 Commencement:
— Approved program form
— Nomination of Thesis Committee form
March 20-24 ..... Spring Break
April 7 ..... Last day to drop a course
April 26 ..... DOCTORAL STUDENTS: deadline for submission of the following materials to the Graduate Records Office for May 1989 Commencement:
— Two final, acceptable copies of the completed dissertation
— The original signed Report of the Oral Examining Committee
— Survey of Earned Doctorates
— UMI Microfilm Contract
— UMI/UMCP Agreement
May 3 ..... MASTER'S STUDENTS: deadine for submission of the following materials to the Graduate Records Office for May 1989 Commencement:
— The original signed Report of the Oral Examining Committee
— Two final, acceptable copies of the master's thesis OR Certificate of Completion of Master's Degree Without Thesis
May 15 ..... Last day of classes
May 25 ..... COMMENCEMENT

Attention Thesis and Dissertation Students

The Office of Graduate Studies and Research has prepared a new handbook to assist graduate students in the preparation of masters theses and doctoral dissertations. The handbook is available in the Graduate Academic Records Office, 2117 Lee Building. All graduate students preparing a thesis or a dissertation are required to follow the format requirements outlined in this booklet.

As of July 1, 1987, the Office of Graduate Studies and Research instituted a formal thesis and dissertation format review procedure. All graduate students writing a thesis or dissertation are required to have that thesis or dissertation inspected and approved by the Graduate Student Affairs Office. Theses and dissertations which do not meet the expected minimum standards, as outlined in the handbook, will not be accepted, thus graduation may be delayed. Details about these requirements may be obtained in the Graduate Academic Records Office, 2117 Lee Building.

Graduate Registration Procedure Chart

DEPARTMENT/PROGRAM	LOCATION	STUDENT STATUS			
		Newly Admitted Students		Returning Students	
		Advising	Return completed Forms to:	Advising	Return completed Forms to:
ADVP Animal Sciences	4149 Animal Sci Center	Mandatory	Registrations Office	Mandatory	Registrations Office
AEED Agricultural & Extension Education	0200 Symons Hall	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
AGRO Agronomy	1109 H. J. Patterson	Mandatory	Registrations Office	Mandatory	Registrations Office
AMST American Studies	2140 Taliaferro	Mandatory	Registrations Office	Optional	Registrations Office
ANTH Anthropology	1115 Woods Hall	Mandatory	Department	Mandatory	Department
ARCH Architecture	1298 Architecture	Mandatory	Registrations Office	Optional	Registrations Office
AREC Agricultural & Resource Economics	2210 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
ARTS Art History	1211 Art/Socy	Mandatory	Registrations Office	Mandatory	Registrations Office
ARTS Art Studio	1211 Art/Socy	Optional	Registrations Office	Optional	Registrations Office
ASTR Astronomy	0205 Space Sci	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
BCHM Biochemistry	1320 Chemistry	at Orientation	at Orientation	Mandatory	Department
BMGT/LMBA/MS Business and Management	3104 Tydings	MBA: permission of Director MS: see faculty advisor or Director		MBA: Optional MS: Optional	Department Department
	PhD: 0139 Tydings	PhD: at Orientation		PhD: Optional	Department
BMPM Business/Public Affairs	See BMGT and MAPM	N/A	N/A	N/A	N/A
BOTN Botany	1223 H. J. Patterson	at Orientation	Registrations Office	Optional	Registrations Office
CHEM Chemistry	1320 Chemistry	at Orientation	at Orientation	Mandatory	Department
CHPH Chemical Physics	1126 Physics Bldg	Optional	Registrations Office	Optional	Registrations Office
CLAS Classics	4220 Jimenez	Mandatory	Registrations Office	Optional	Registrations Office
CMLT Comparative Literature	4220 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
CMRT Communication Arts & Theatre	1146 Tawes	Mandatory	Registrations Office	Mandatory	Registrations Office
CMSC Computer Science	2309 Computer Sci	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
CRIM Criminal Justice & Criminology	2220 LeFrak Hall	at Orientation	at Orientation	Optional	Registrations Office
DAIR Dairy Science	4149 Animal Sci Center	N/A	N/A	Mandatory	Registrations Office
ECON Economics	3115L Tydings	Mandatory	Department	Optional except 799/899	Department
EDCI Curriculum and Instruction	2311 H. R. Benjamin	Mandatory	Registrations Office	Optional	Registrations Office
EDCP Counseling and Personnel Services	3214 H. R. Benjamin	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
EDHD Human Development	3304 H. R. Benjamin	Mandatory	Registrations Office	Optional	Registrations Office
EDIT Industrial, Technological and Occupational Education	3216 J. M. Patterson	Mandatory	Registrations Office	Mandatory	Registrations Office
EDMS Measurement, Statistics and Evaluation	4107 H. R. Benjamin	Optional	Registrations Office	Optional	Registrations Office
EDPA Policy, Planning and Administration	2110 H. R. Benjamin	Optional	Registrations Office	Optional	Registrations Office
EDSP Special Education	1304 H. R. Benjamin	Mandatory	Registrations Office	Optional	Registrations Office
ENAE Aerospace Engineering	0151 Engr Classroom Bldg	Mandatory	Department	Mandatory	Registrations Office
ENAG Agricultural Engineering	1130 Shriver Lab	Mandatory	Registrations Office	Mandatory	Registrations Office
ENCE Civil Engineering	1179 Engr Classroom Bldg	Optional	Registrations Office	Optional	Registrations Office
ENCH Chemical Engineering	2115 Chem Engr Bldg	Mandatory	Department	Mandatory	Department
ENEE Electrical Engineering	3181 Engr Classroom Bldg	Optional	Registrations Office	Optional	Registrations Office
ENGL English	1141 Taliaferro	Optional	Registrations Office	Optional	Registrations Office
ENMA Engineering Materials	2115 Chem Engr Bldg	Mandatory	Department	Mandatory	Department
ENME Mechanical Engineering	2166 Engr Classroom Bldg	Mandatory	Registrations Office	Mandatory	Registrations Office
ENNU Nuclear Engineering	2309 Chem Engr Bldg	Optional	Registrations Office	Optional	Registrations Office
ENTM Entomology	1300 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
FDSC Food Science	1122A Holzapfel	Mandatory	Registrations Office	Mandatory	Registrations Office
FMCD Family and Community Development	1204 Marie Mount	Optional	Registrations Office	Optional	Registrations Office
FNIA Food, Nutrition and Institutional Administration	3304 Marie Mount	Mandatory	Department	Mandatory except 799/899	Registrations Office
FRIT French Language and Literature	3106D Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
GEOG Geography	1163 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
GELS Geography/Library Science	See GEOG & LBSC	N/A	N/A	N/A	N/A
GEOL Geology	1115 Geology Bldg	Mandatory	Registrations Office	Mandatory	Registrations Office
GERS Germanic Language and Literature	3215 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
GRAD Advanced Special Student	2117 South Admin	Not Required	Registrations Office	Not Required	Registrations Office
GVPT Government & Politics	2181 LeFrak Hall	at Orientation	at Orientation	Optional	Registrations Office
HESP Hearing and Speech Sciences	0100 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
HILS History/Library and Information Services	see LBSC	N/A	N/A	N/A	N/A
HIST History	2117 Francis Scott Key	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
HLTH Health Education	2387 PERH Bldg	at Orientation	at Orientation	Optional	Registrations Office
HORT Horticulture	1122 Holzapfel	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
JOUR Journalism	2109 Journalism	Mandatory	Registrations Office	Mandatory	Registrations Office
LBSC Library and Information Services	4110 Hornbake	Mandatory	Department	Mandatory	Department
LING Linguistics	1107 Mill Bldg	Mandatory	Registrations Office	Optional	Registrations Office
LMBA Business/Law Combined	3104 Tydings	see admit letter		Mandatory	Department
LMPM Public Management/Law Combined	See MAPM	N/A	N/A	N/A	N/A
MAPL Applied Mathematics	1112 Math Building	by appointment	at appointment	Optional	Department
MAPM Public Management	1218 LeFrak Hall	Mandatory	Department	Mandatory	Registrations Office
MAPP Public Policy	1218 LeFrak Hall	Mandatory	Department	Mandatory	Registrations Office
MATH Mathematics	1112 Math Building	by appointment or at GA Orient	at appointment or Orientation	Optional	Department
MEES Marine-Estuarine-Environmental Sciences	0313 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
METO Meteorology	2207 Space Sci	at Orientation	Registrations Office	Mandatory except 799/899	Registrations Office
MFAT Master of Fine Arts	See CMRT	N/A	N/A	N/A	N/A
MICB Microbiology	2131 Skinner	Mandatory	Registrations Office	Mandatory	Registrations Office
MOCB Molecular and Cellular Biology	2504 Chemistry Building	Mandatory	Registrations Office	Mandatory	Registrations Office
MUSC Music	2110 Tawes	Mandatory	Registrations Office	Mandatory	Registrations Office
NUSC Nutritional Sciences	2145 Animal Science	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
PCOM Public Communication	2109 Journalism	Optional	Registrations Office	Optional	Registrations Office
PHED Physical Education	2351 PERH Bldg	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
PHIL Philosophy	1131 Skinner	Mandatory	Registrations Office	Mandatory	Registrations Office
PHYS Physics	1120 Physics Bldg	Mandatory	Department	Mandatory except 799/899	Registrations Office
POUL Poultry Science	3129 Animal Sci Center	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
PSYC Psychology	1147 Zoo/Psyc Bldg	Mandatory	Department	Mandatory	Department
RECR Recreation	2367 PERH Bldg	Mandatory	Department	Mandatory	Department
SOCY Sociology	2108 Art/Socy Bldg	Optional	Department	Optional	Department
SPAP Spanish Language and Literature	2215 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
STAT Mathematical Statistics	1112 Math Bldg	Mandatory at appointment or at GA Orient	at appointment or Orientation	Mandatory	Department
TOXI Toxicology	0313 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
TXCE Textile and Consumer Economics	2100 Marie Mount	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
URBS Urban Studies	1113 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
ZOOL Zoology	3210 Zoo/Psyc Bldg	Mandatory	Registrations Office	Optional	Registrations Office
INTERCAMPUS ENROLLMENT PROGRAM: UMAB, UMBC, UMES, UMUC			Graduate School at Host Campus		Graduate School at Host Campus
Intercampus Student	2125 South Admin	at Home Campus	Intercamp Form **MUST** be attached	at Home Campus	Intercamp Form **MUST** be attached

Faculty-Staff Registration Procedures

Faculty and Staff who wish to register for courses must be admitted to the University as an undergraduate or graduate student prior to registration. Follow the steps listed below:

STEP 1 — Contact department representative responsible for processing Remission of Tuition forms. Complete the forms and make sure that they are forwarded to the Personnel Office, Room 1129 Lee Building, 454-6312.

DEADLINE TO SUBMIT REMISSION OF TUITION FORM FOR SPRING 1989
Early Registrants — before January 17, 1989
Students who register after January 13 — Remission of Tuition form must be submitted by 3:00 p.m. of the following business day.
All forms must be submitted by January 23, 1989

STEP 2 — Contact appropriate admissions office:
Undergraduate — Mitchell Building (Basement), 454-5550
Graduate — Lee Building (Second Floor), 454-3141
Non-degree seeking faculty — Contact Jane Graham, 1101 Mitchell Building, 454-4555

STEP 3 — Follow appropriate Registration Procedures:
For Undergraduate students see page 6.
For Graduate students see page 7.

Faculty/Staff are encouraged to register as early as possible.

Remission of Tuition for Faculty and Staff

Every semester an approved Authorization for Remission of Tuition form must be turned in to the College Park Personnel Services Office (Room 1129, Lee Building) in order to receive credit on the student bill for courses taken by faculty and staff members. Usually the authorizing department will forward this form directly to the Personnel Services Office. Each faculty and staff member should check with his/her department to ascertain that the proper forms have been submitted.

Tuition waiver forms for students who registered early must be RECEIVED by campus personnel office before January 17, 1989. Students who register after January 13, 1989 must submit the Tuition Waiver Form and settle their account in full by 3:00 p.m. the following business day. ALL FORMS MUST BE SUBMITTED NO LATER THAN JANUARY 23, 1989.

Published deadlines and procedures for admission, readmission or reinstatement and registration apply to University faculty and staff who wish to take courses.

Questions regarding admission? Contact Admissions Office, 454-5550.
Questions regarding registrations? Contact Registrations Office, 454-5559.
Questions regarding employee remission of tuition? Contact Staff Benefits Office, 454-6312.

Teacher's Registration

Who?
Teachers who have previously been admitted to the University of Maryland College Park Campus, either graduate or undergraduate, and who were not enrolled for Fall 1988.

Undergraduate Students — Apply for readmission at the Office of Undergraduate Admissions, lower level, Mitchell Building (454-2734) where a registration form will be issued. See page 6 for Spring 1989 registration procedures.

Graduate students — Check with Graduate School, Room 2125 Lee Building, 454-4004, to determine eligibility. See page 7 for Spring 1989 registration procedures for all Graduate Students.

UNDERGRADUATE STUDENTS WITH QUESTIONS CONCERNING TEACHER REGISTRATION SHOULD CALL 454-2017. GRADUATE STUDENTS WITH QUESTIONS CONCERNING TEACHER REGISTRATION SHOULD CALL 454-2015.

The **FIRST EDITION** of the Schedule of Classes should be used only **DURING EARLY REGISTRATION.** As they occur, revisions will be posted on the 1st Floor of the Mitchell Building.

The **SECOND EDITION** of the Schedule of Classes should be used prior to the beginning of classes. The Second Edition reflects room, time and instructor changes made to course offerings since the First Edition was printed. It shows courses and/or sections added and omits courses and/or sections deleted since the First Edition.

The University of Maryland uses an individual student's social security number as his or her identification number for University records. If you do not wish the University to use your social security number for this purpose, write the Office of Registration, Mitchell Building, College Park, Maryland 20742. The University will then assign its own number to you for record keeping purposes.

The provisions of this publication are not to be regarded as an irrevocable contract between the student and the University of Maryland. Changes are effected from time to time in the general regulations, in fees, in class scheduling, and in the academic requirements.

The Consortium of Universities of the Washington Metropolitan Area

The consortium of Universities of the Washington Metropolitan Area consists of American University, The Catholic University of America, Gallaudet University, George Mason University, George Washington University, Georgetown University, Howard University, Marymount University, Mt. Vernon College, Trinity College, University of the District of Columbia, and the University of Maryland, College Park. Students enrolled in these institutions are able to attend certain classes at other campuses and have the credit considered "residence" credit at their own institution. Payment of tuition for courses will be made at the student's home campus. Any eligible degree seeking graduates and undergraduates may participate in this program according to the following stipulations:

a. Golden ID students are not eligible to enroll in courses through the Washington Area Consortium with waiver of fees.
b. Neither the faculty and staff tuition remission program (this includes assistantships, fellowships, etc.) nor the partial tuition waiver program for spouses and dependents of University of Maryland employees may be used for courses taken through the Washington Area Consortium.

Students whose fees are remitted through these programs and who are interested in enrolling in courses at Consortium schools will be expected to pay for the course or courses at the appropriate College Park credit hour rate for the semester in which they enroll.

A. Procedure for UMCP Students

Eligible Graduate Students

1. Must be degree seeking.
2. Need approval of the Departmental Director of Graduate Studies.
3. No more than 25% of course credits may be taken at other consortium schools.
4. Practica, internships, workshops and similar experimental learning courses cannot be taken at other consortium schools.
5. **Comparable courses offered at UMCP may not be taken through the Consortium.**

Eligible Undergraduate Students

1. Must be degree seeking.
2. Must have junior standing (56 credits). An exception to this policy is approval for courses in Army and Navy ROTC programs.
3. Need prior written approval of the following:
   a. The student's major department.
   b. The comparable UMCP department if the course is outside the major department.
   c. The student's Dean.
4. Practica, internships, workshops and similar experimental learning courses cannot be taken at other consortium schools.
5. **Comparable courses offered at UMCP may not be taken through the Consortium.**

Registration for UMCP Students

1. Contact the department offering the course at the institution to be visited. This will determine if the course is open to consortium students and if there are any special conditions, i.e., prerequisites, special fees. Special fees must be paid directly to the visited institution.
2. Contact the consortium coordinator in the UMCP Registration Office, to obtain the "Permission to Enroll in the Consortium Program" form. (Complete one form for each institution at which you wish to take courses.)
3. Acquire appropriate approvals and signatures on the "Permission to Enroll in the Consortium" form and return to the UMCP consortium coordinator. **Permission will not be granted if a comparable course is offered at UMCP.**
4. Pass/Fail or audit grading options are not permitted for consortium courses.
5. A Consortium Registration Form will be filled out with the consortium coordinator.
6. A copy of this form will be used as an identification card at the visited institution.
7. Show identification card (registration form copy) to the instructor of the course to confirm enrollment, but keep the card.
8. If the course is cancelled or if you change or drop the course, immediately contact the consortium coordinator at UMCP.
9. UMCP course change deadlines apply for students visiting other consortium institutions.
10. Grades earned by College Park students at other Consortium institutions in courses taken through the Consortium arrangement will be converted into the College Park grading system. These grades are used in the calculation of the cumulative grade point average.

NOTE: Consortium courses will be included in the semester credit load of 12 hours for financial aid purposes.

Only the following George Washington University, NROTC courses will apply to UMCP degrees.

NS 051 Introduction to Naval Science (2 credits)
NS 126 Seapower in Maritime Affairs (3)
*NS 150 Navigation (3)
NS 160 Evolution of Warfare (3)
NS 175 Leadership and Management I (3)
NS 176 Leadership and Management II (2)

*Prior to Fall 1987 NS150 — Navigation is not applicable for UMCP degree programs.

B. Procedure for Visiting Students

Students from other consortium schools may register for University of Maryland, College Park courses on a space available basis beginning with the first day of classes, January 23, 1989 for the Spring 1989 semester.

Students will be expected to meet all prerequisites of UMCP courses. Also, prior approval will be required for courses restricted to specific UMCP majors and permission only courses. See individual course listings in this SCHEDULE for course restriction information. Also, see page 32, "How to Read Course Listings". **Visiting students must register at both their home campus and at UMCP.**

1. Contact the UMCP consortium coordinator on 454-4555 at the Public Inquiry Office.
2. Fill out UMCP Schedule Request form with requested courses.
3. A visiting student cannot audit any UMCP courses.
4. Present to the UMCP coordinator the third copy of the Consortium Registration Form completed by your home campus.
5. The coordinator will officially register you for the UMCP courses. Please keep copies of the Schedule Request/Schedule Adjustment form for your records.
6. If the course is cancelled or if you change or drop the course, immediately contact the consortium coordinator at the visiting campus and your home campus.

Dates Classes Begin for Consortium Schools

American University	January 17
Catholic University	January 12
Gallaudet University	January 17
George Mason University	January 23
George Washington University	January 9
Georgetown University	January 11
Howard University	January 12
Marymount University	January 9
Mount Vernon College	January 4, March 17
Trinity College	January 24
University of the District of Columbia	January 17
University of Maryland	January 23

Deadlines

Summary of Spring Semester 1989 Deadlines

Type of Change	Last Day to Process Change
ADD A COURSE	February 3
CANCEL REGISTRATION for Spring 1989	January 20
CANCEL ON-CAMPUS HOUSING without financial obligation	November 28
CHANGE FROM FULL-TIME TO PART-TIME (Undergraduates) for billing purposes	see Penalties for Drops on this page
change CREDIT LEVEL	February 3
DIPLOMA APPLICATION for May 1989 Graduation (and diploma dated May 1989)	February 3
DROP A COURSE — UNDERGRADUATE STUDENT without "W" mark	February 3
DROP A COURSE — UNDERGRADUATE STUDENT with "W" mark (4 credit drop limit) ($2.00 fee)	April 7
DROP A COURSE — GRADUATE STUDENT (Graduate student does not receive a "W") ($2.00 fee February 3-April 7)	April 7
DROP A COURSE WITH REFUND (Graduate Students & Part-time Undergraduates only)	See Penalties for Drops on this page
change GRADING OPTION	February 3
GRADUATE MAIL-IN REGISTRATION	January 6
process a LATE REGISTRATION	February 3
LAST DAY TO WITHDRAW FROM ALL COURSES	
WITHDRAW WITH 100% REFUND (CANCEL)	January 20
WITHDRAW WITH 80% REFUND	February 3
WITHDRAW WITH 60% REFUND	February 10
WITHDRAW WITH 40% REFUND	February 17
WITHDRAW WITH 20% REFUND	February 24
WITHDRAW WITH 0% REFUND	May 15

GO TO ROOM 1101 MITCHELL BLDG. TO PROCESS A WITHDRAWAL. SEE PAGE 14 FOR WITHDRAWAL INFORMATION.

SCHEDULE ADJUSTMENT PERIOD ENDS AT 4:30 P.M., FEBRUARY 3, 1989

Cancellation of Registration

Students who register and later decide not to attend the University must **CANCEL** their registration **BY JANUARY 20, 1989.** Failure to cancel registration will result in financial obligation to the University even though the student does not attend class.

To Cancel Your Registration on or before January 20, 1989:

1. Your cancellation request must be received in writing by:
   Office of Registration — Rm. 1130
   Mitchell Building, University of Maryland
   College Park, Maryland 20742
   Since the University can honor only those requests for cancellation which are actually received by January 20, 1989 requests should be sent by Registered Mail. PLEASE INCLUDE STUDENT'S SOCIAL SECURITY NUMBER ON ALL CORRESPONDENCE.
2. For additional information concerning cancellation call the Registrations Office, 454-2336.
3. Cancellation of Housing and Dining Services is a separate process. See page 14 for information.

Penalties for Drops During Schedule Adjustment

Full-time undergraduate students do not receive a refund for courses dropped if the total number of credits for which they are registered remains 9 or more.

PRIOR TO THE FIRST DAY OF CLASSES, JANUARY 20 OR EARLIER, if a full-time undergraduate student drops a course or courses, thereby changing the total number of credits for which the student is registered to *8 or less,* charges for the semester will be assessed on the basis of the per credit hour fee for part-time students. However, if the student later adds a course or courses, thereby changing the total number of credits for which the student is registered to *9 or more,* the student will be billed for the difference between per credit hour fees paid and the general fees for full-time undergraduates.

If during the FIRST FIVE DAYS OF CLASSES, JANUARY 23-27, a full-time undergraduate drops a course or courses thereby changing the total number of credits for which he/she is registered to eight or less, charges for the semester will be assessed on the basis of part-time charges plus 20% of the difference between the full-time fees and appropriate part-time charges. **After the first five days of classes, there is no refund for changing from full-time to part-time status.**

FEBRUARY 6 AND AFTER — $2.00 fee is assessed for *each* drop processed (to be billed).

This applies to both graduate and undergraduate students.

Refund Schedule for Dropping Courses
Graduate Students and Part-Time Undergraduates

Both graduate students and part-time undergraduates are charged by the credit hour. A percentage charge and/or complete charge for the course may be imposed if the deadlines indicated below are not followed.

1. January 20 or earlier (prior to the first day of classes).....100% refund
   There will be no charge for courses *dropped* prior to this date.
2. January 23-27 (first five days of classes).....80% refund
   There will be a 20% charge imposed for courses *dropped* during this period.
3. January 30 and after.....0% refund
   Student will incur full charge for courses *dropped* during this period.
4. February 6 and after: a $2.00 charge is imposed for *each* drop processed (to be billed).

Students who wish to drop one course and add another at the same credit level must accomplish both transactions on the *same* day to insure additional charges are not imposed.

Candidates for May 1989 Graduation

Deadline to apply for a diploma dated May 1989..... February 3, 1989

Both graduate students and undergraduate students must file an application for a diploma dated May 1989 in the Registration Office by February 3, 1989. Applications are available at the Registration Office Counter, 1st Floor Lobby, Mitchell Building, 8:30 a.m. to 4:30 p.m., Monday through Friday.

Check Financial Information section for listing of graduation fees. Graduation fees are due payable when billed.

Reclassification to In-State Status

If you wish to challenge your out-of-state classification you may do so by filing a timely Petition for In-State Status *(Petition).* The deadline for meeting all requirements for in-state status and for submitting a *Petition* and supporting documentation is the last day of late registration for the semester you wish to be classified as an in-state student.

Deadlines

Spring 1989..... February 3, 1989

It is imperative that students who wish to request a review of their eligibility for an in-state classification submit the required documents to the appropriate office as soon as possible. The volume of requests for reclassification may necessitate a delay in completing the review process. It is hoped that a decision in each case will be made within ninety (90) days of receipt of a *Petition* and all necessary documentation. During this period of time, or any further period of time required by the University, fees and charges based on the previous out-of-state determination must be paid. If the determination is changed, any excess out-of-state fees and charges will be refunded. It is to your advantage to apply early. Late *Petitions* will not be accepted.

Petitions for review of eligibility, related documents and questions concerning the policy of the University of Maryland for the determination of in-state status should be directed to the following office:

Campus Classification Office
Room 0405B
Marie Mount Hall
454-3977

In-State Students

Notice to students classified as in-state for admission, tuition and charge-differential purposes. Please be aware that it is your responsibility to notify the proper office listed above in writing within 15 days of any change in your circumstances which might in any way affect your classification for admission, tuition and charge-differential purposes at the College Park Campus.

Financial Information

Tuition, Fees and Other Expenses

ALL STUDENTS WHO REGISTER FOR THE SPRING SEMESTER INCUR A FINANCIAL OBLIGATION TO THE UNIVERSITY. Financial policy and fees are set by the University with the approval of the Board of Regents. The University of Maryland does not have a deferred payment plan.

It is the policy of the University *not* to defer payment of fees on the basis of a pending application for financial assistance to an outside agency. This includes Veterans Administration, banks, guaranteed student loan programs, etc.

Returning students will not be permitted to complete registration until all financial obligations to the University including current semester fees, library fines, parking violation assessments and other penalty fees and service charges are paid in full. If a student registers without proper financial clearance from the Office of the Bursar, his/her registration will be cancelled without further notice. If a student becomes financially ineligible after registering, his/her registration will be cancelled unless and until his/her account balance is paid in full by a prescribed date.

PLEASE NOTE: EFFECTIVE WITH THE FALL 1987 SEMESTER, PAYMENTS FOR STUDENT ACCOUNTS MAY BE MADE BY VISA OR MASTERCARD. CREDIT CARD PAYMENTS MAY BE MADE IN PERSON OR BY MAIL. HOWEVER, PHONE-IN PAYMENTS WILL *NOT* BE ACCEPTED THIS SEMESTER.

Although the University regularly mails bills to students, it cannot assume responsibility for their receipt. Students are urged to obtain a copy of their financial account in Room 1103 of the Lee Building if they are not certain their account is paid in full. This office is open from 8:30 a.m. to 4:15 p.m. Monday through Friday. Students may also obtain their account balance by phoning 454-4832.

CHARGES INCURRED DURING THE SEMESTER ARE PAYABLE IMMEDIATELY.

A student who wishes to dispute a specific item on their bill must contact the appropriate University department that initiated the charge to discuss the nature of the adjustments, if any, or the appropriateness of the bill. If, after discussing the bill with the originating department, a student still wishes to dispute the charge, any appeal must be made in writing. It is emphasized that any portion of the bill *not* in dispute must be paid in accordance with the due date on the bill.

All checks or money orders should be made payable to the University of Maryland for the exact amount due. The student's social security number must be written on the check. Payments by telegram should also include social security number.

Students will be severed from University services for delinquent indebtedness to the University which occurs or is discovered during a semester. In the event that severance occurs, the individual may make payment during the semester in which services were severed and all these services except housing will be restored. For a student who lives in on-campus residence halls, and who fails to fully resolve any outstanding balance, the severance of housing services means that (1) the student must leave residence halls, (2) the student's room is assigned to another student, and (3) the severed student may reapply for housing services, if the account is later satisfactorily resolved and other University services are restored, and be placed last on a waiting list for available on-campus housing spaces. Students who are severed from University services and who fail to pay the indebtedness during the semester in which severance occurs will be ineligible to register for subsequent semesters until the debt is cleared. In the event of actual registration in a later semester by a severed student who had not settled the student account prior to that semester, such registration will be cancelled and no credit will be earned for the semester. For a student who is on board and who fails to resolve any outstanding balance, the severance of Dining Services means that the student will not be served meals until their student account is paid in full. No reimbursement will be made on meals not served during severance.

Late Payment Fee: Students who fail to pay the balance due on their accounts are subject to a late fee of 5% of the outstanding balance or $5.00, whichever is greater.

Severance Fee: $25.00. Students who fail to pay the balance due on their accounts will have their University services severed and the $25.00 severance fee added to their account. In order to have the services restored, the student's account must be settled in full.

The State has established, under legislative mandate, a CENTRAL COLLECTIONS UNIT within the Department of Budget and Fiscal Planning. This campus has been instructed that all delinquent accounts must be transferred to the State Collections Unit.

ALL ACCOUNTS DUE FROM STUDENTS, FACULTY, STAFF, NON-STUDENTS, ETC. ARE INCLUDED WITHIN THESE GUIDELINES.

Collection Costs incurred in collecting delinquent accounts will be charged to the student. The University is required by State law to refer all past due accounts to the State Central Collections Unit. The minimum collection fee is 15% plus any attorney and/or court costs.

NOTE: STATE CENTRAL COLLECTIONS UNIT IS AUTHORIZED BY STATE LAW TO USE AN INDIVIDUAL'S STATE INCOME TAX REFUND AS AN OFFSET TO PAY INDEBTEDNESS TO THE STATE OF MARYLAND.

NO DEGREE WILL BE CONFERRED, NO GRADE ISSUED, NOR ANY DIPLOMA, CERTIFICATE, OR TRANSCRIPT OF RECORD ISSUED TO A STUDENT WHO HAS NOT MADE SATISFACTORY SETTLEMENT OF HIS OR HER ACCOUNT.

Mandatory Fees

The Auxiliary Facilities Fee: Refundable upon withdrawal. $14.50 — Charged to all Full-Time Undergraduates. Part-Time Undergraduates and all Graduate students are charged a fee of $6.50. The Auxiliary Facilities Fee is paid into a fund which is used for capital improvement, expansion and construction of various campus facilities such as open recreation areas (tennis courts, basketball courts, etc.), transportation alternatives (shuttle buses), and The Stamp Union Building. These capital projects are not funded or are funded only in part from other sources.
The Student Activities Fee: Refundable upon withdrawal. $15.50 — Charged to all Full-Time Undergraduates. Part-time Undergraduates are charged a fee of $9.00. Graduate students are charged a fee of $1.00. The Student Activities Fee is charged at the request of the Student Government Association and is used to provide for student activities, student publications, and cultural programs.
The Athletic Fee: Non-refundable. $48.00 — Charged to all Full-Time Undergraduates. Part-Time Undergraduates and all Graduate Students are charged a fee of $13.50. The Athletic Fee is charged for the support of the Department of Intercollegiate Athletics. All students are encouraged to participate in all of the activities of this department or to attend the contests if they do not participate.
The Student Health Fee: Non-refundable. $18.50 — Charged to all Full-Time Undergraduates and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $12.00. The Student Health Fee is charged for the support of the Health Service Facility. Charges for special services (X-rays, prescriptions, etc.) are due **when received.**
The Shuttle Bus Fee: Non-refundable. $16.50 — Charged to all Full-Time Undergraduates and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $8.50. The Shuttle Bus Fee is charged for the support of the Shuttle Bus Transportation System.
The Student Union and Recreational Fee: Non-refundable. $42.00 — Charged to all Full-Time Undergraduate and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $21.00. The Stamp Union and Recreational Fee is paid into a fund which will be used to expand recreational facilities and Stamp Union Services.
The Registration Fee: Non-refundable. $5.00 — The Registration Fee is charged to all registrants each semester.

Other Fees

Payment of Fees: All checks, money orders or postal notes should be made payable to the University of Maryland and mailed or delivered to: Office of Bursar, University of Maryland, College Park, MD 20742. The student's social security number must be written on the front of the check.
Undergraduate Application Fee: $25.00 — Charged to all new Undergraduate Students. Applicants who have previously enrolled with the University of Maryland at College Park, University College, Baltimore County or at an off-campus center will not be required to pay the fee.
Graduate Application Fee: $25.00 Required of all students.
Pre-College Orientation Program Registration Fee: $65.00 (two day program) $18.00 (one parent)
$42.00 (one day program) $36.00 (two parents)
Late Registration Fee: $20.00. All students are expected to complete their registration including the filing of Schedule Adjustment Forms on the regular registration days. Those who do not complete their registration during the prescribed days must pay this fee.
Special Fee for students requiring additional preparation in Mathematics, English or Chemistry: MATH 001 — $125; CHEM 001 — $70; and ENGL 001 — $100.00 per semester. These special fees are in addition to course charges. (Note that MATH 001 is required of students whose curricula call for MATH 110 or 115 and who fail in qualifying examination for these courses.)
A student enrolled in MATH 001 or ENGL 001 and concurrently enrolled for six or more credit hours will be considered as a full-time student for purposes of assessing fees. Students taking only MATH 001 or ENGL 001 pay for three credits plus the special fee. Students taking CHEM 001 pay for two credits plus the special fee. A 3-credit course plus MATH 001 or ENGL 001, results in a charge for 6 credits plus the special fee. A full-time student pays full-time tuition plus the special fee.
Cooperative Education Program in Liberal Arts and Business (CO-OP 098/099): $30.00 each
Engineering CO-OP Program (ENCO 098/099): $30.00 each
Fees for Auditors and courses taken for audit are the same as those charged for courses taken for credit to determine whether or not an undergraduate student is full-time or part-time for fee assessment purposes.
Special Students are assessed fees in accordance with the schedule for the comparable undergraduate classification.
Change of Registration Fee: $2.00 for each course dropped or added after September 20, 1988. A $4.00 fee is charged for each section change ($2.00 for the section added, $2.00 for the section dropped).
Transcript of Record Fee: $2.00 each copy
Special Examination Fee: $30.00 per course for all undergraduates and full-time graduate students. Credit-hour charge for part-time graduate students. (See page 23 for definition of full-time and part-time graduate status.)
Vehicle Registration Fee: Commuters $35.00, Campus Residents $67.00 (Fees are subject to change). Fee is required of all students registered for classes on the College Park Campus and who drive on campus.
Textbooks and Supplies: Textbooks and classroom supplies vary with the course pursued, but will average $125.00 per semester.
Service Charges for Dishonored Checks: Payable for each check which is returned unpaid by the drawee bank on presentation because of insufficient funds, payment stopped, post-dating against uncollected items, etc.
For checks up to $100.00: $10.00
For checks from $100.01 to $500.00: $25.00
For checks over $500.00: $50.00
When a check is returned unpaid, the student must redeem the check and pay any outstanding balance in the account within 10 days or all University services may be severed and the account transferred to the State Central Collection Unit for legal follow-up. Additionally, a minimum 15% collection charge is added to the charges posted to the student's account at the time the transfer is made.
When a check is returned unpaid due to an error made by the student's bank, the student must obtain a letter from the branch manager of the bank or a person of equivalent status admitting such an error. This letter must be submitted to the Office of the Bursar to have the service charge waived.
Library Charges: $.35 — Fine for failure to return a book from General Library before expiration of loan period: per day. Fine for failure to return book from Reserve Shelf before expiration of loan period: First hour overdue on first day: $1.00; after first hour on first day: $.75 per hour for each hour open up to a maximum of $45.00 per item. In case of loss or mutilation of a book, satisfactory restitution must be made.
Motor Vehicle Penalties: These are described in Traffic Rules and Regulations.
Property Damage Charge: Students will be charged for damage to property or equipment. Where responsibility for the damage can be fixed, the individual student will be billed for it; where responsibility cannot be fixed, the cost of repairing the damage or replacing equipment will be prorated among the individuals involved.
Late Payment Fee: Students who fail to pay the balance due on their accounts are subject to a late fee of 5% of the outstanding balance or $5.00, whichever is greater.
Severance Fee: $25.00. Students who fail to pay the balance due on their accounts will have their University services severed and the $25.00 Severance Fee added to their account. In order to have services restored, the student's account must be settled in full.
Graduation Application Fee for Bachelor's Degree: $15.00, **Master's Degree:** $25.00, **Doctor's Degree:** $50.00. These charges are one-time, non-refundable fees, and must be paid in the semester that the graduation application is first submitted.

Fees for Spring Semester 1989

An Important Fee Notice. Although changes in fees and charges will ordinarily be announced in advance, the University reserves the right to make such changes without previous announcement.

General Fees[1] (*Includes mandatory fees)

[1]Full-Time Undergraduate Students, Maryland Residents	**953.00**
[1]Full-Time Undergraduate Students from District of Columbia, other states and other countries	**2,646.00**

— PART-TIME UNDERGRADUATES — (In-state and out-of-state enrolling for 8 credit hours or less) **$92.00** per credit hour.

Credit Hours	1	2	3	4	5	6	7	8
*Cost	167.50	259.50	351.50	443.50	535.50	627.50	719.50	811.50

*Includes all mandatory fees.

— GRADUATE IN-STATE STUDENTS — $108.00 per credit hour.[2]

Credit Hours	1	2	3	4	5	6	7	8	9	10	11	12	13
*Cost	175.50	283.50	391.50	499.50	607.50	715.50	823.50	931.50	1075.00	1183.00	1291.00	1399.00	1507.00

*Includes all mandatory fees.

— GRADUATE OUT-OF-STATE STUDENTS — $192.00 per credit hour.[2]

Credit Hours	1	2	3	4	5	6	7	8	9	10	11	12	13
*Cost	259.50	451.50	643.50	835.50	1027.50	1219.50	1411.50	1603.50	1831.00	2023.00	2215.00	2407.00	2599.00

* Includes all mandatory fees

Dining Room Point Plan		892.00
Campus Point Plan		892.00
Budgeted Point Plan		892.00
Board (D.S. Cash)[4]		
Room, University Residence Hall, Maryland Residents/Non Residents		1097.00
Vehicle Registration Fee (valid through August 1989)	Campus Resident	34.00
	Commuter	18.00
Special Mathematics Fee (MATH 001)		125.00
Special Chemistry Fee (CHEM 001)		70.00
Special English Fee (ENGL 001)		100.00
Special Engineering COOP Fee (ENCO 098/099)		30.00[3]
Special COOP Fee (COOP 098/099)		30.00[3]
Continuous Registration Fee (Doctoral Candidates)		10.00
Late Registration Fee (beginning January 23, 1989)		20.00
Schedule Adjustment Fee (effective on or after February 6, 1989)		2.00
Graduation Application Fee for Bachelor's Degree		15.00
Graduation Application Fee for Master's Degree		25.00
Graduation Application Fee for Doctoral Degree		50.00
Credit by Exam Fee		
All Undergraduate and Full-Time Graduate Students (per course)		30.00
Part-Time Graduate Students (per credit hour)		See above
Audit courses are charged the same as a course taken for credit.		
Maryland English Institute — Intensive		2,134.00
Maryland English Institute — Semi-Intensive Program		1,067.00
Maryland English Institute — Pronunciation Program		175.00
Orientation Fees:		
Student One Day		42.00
Student Two Days		65.00
One Parent		18.00
Two Parents		36.00

[1]FOR BILLING PURPOSES UNDERGRADUATE FULL-TIME STATUS IS DEFINED AS A REGISTRATION FOR 9 CREDITS OR MORE.
[2]A STUDENT WHO HAS BEEN ADMITTED TO THE GRADUATE SCHOOL WILL BE CHARGED THE GRADUATE CREDIT HOUR FEE FOR ALL COURSES REGARDLESS OF THE LEVEL OF THE COURSE.
[3]A $5.00 FEE WILL BE CHARGED FOR SPECIAL COURSE REGISTRATION. THE AMOUNT OF $65.00 WILL BE CHARGED FOR ENROLLMENT IN TWO SPECIAL COURSES.
[4]D.S. CASH ACCOUNTS AVAILABLE — INQUIRE AT CONTRACT OFFICE (X2906).

Billing Information

Bills for payment of fees are mailed in December 1988 to students who have registered for courses for Spring 1989. Since the University has no deferred payment plan, **PAYMENT IN FULL MUST BE MADE NO LATER THAN January 17, 1989 BY ALL REGISTERED STUDENTS.** Accounts not paid by January 17, 1989 are delinquent and subject to referral to the State Central Collections Unit at Baltimore and/or cancellation of registration.

For student convenience, payment by mail is encouraged; however, payment also may be made at the Office of the Cashier, Lee Building. Students may pay in person at the Office of the Cashier, 8:30 a.m. to 4:15 p.m. Monday through Friday, where they are required to present a Student ID Card with payment. Also students, if paying by personal check, may drop the payment in the Bursar's Mail Remittances hallway drop slot beside Room 1108, Lee Building, at any time that the building is open. If a student uses the drop slot, the processed check will serve as a receipt. Be sure the Social Security number is clearly written on the front of the check.

PLEASE NOTE: EFFECTIVE WITH THE FALL 1987 SEMESTER, PAYMENTS FOR STUDENT ACCOUNTS MAY BE MADE BY VISA OR MASTERCARD. CREDIT CARD PAYMENTS MAY BE MADE IN PERSON OR BY MAIL. HOWEVER, PHONE-IN PAYMENTS WILL *NOT* BE ACCEPTED THIS SEMESTER.

Periodically during the semester bills will be mailed to the student's permanent address reflecting charges incurred for parking tickets, library fines, course adjustments, etc. These bills are due ON RECEIPT. THE UNIVERSITY CANNOT ASSUME RESPONSIBILITY FOR THEIR DELIVERY.
Students who register after January 17, 1989 will be required to make full payment in person to the cashier by the close of business the following working day to avoid cancellation of their schedule and loss of their seats to other students. MAIL PAYMENTS, POSTMARK DATES, AND USE OF "DROP BOXES" WILL NOT SATISFY THIS DEADLINE.

Students who have questions on their bills may obtain print-outs of their financial accounts by coming to Room 1103 of the Lee Building between 8:30 a.m. and 4:15 p.m. Monday through Friday.

Each student is individually responsible for all of his or her fees and expenses. If a third party, such as an employer, agrees to pay these charges, the student is not relieved of his or her primary responsibility. In the event that such third party fails to honor its agreement, the University reserves the right to bill the students directly. Failure to pay this bill thereafter will result in the suspension of services to the student by the University and transfer of the account to the State Central Collections Unit. WHEN A PAYMENT IS MADE TO THE UNIVERSITY, PAYMENT OF ANY OUTSTANDING BALANCE PRECEDES PAYMENT OF CURRENT INDEBTEDNESS. That is, the oldest account balance is liquidated first.

FAILURE TO PAY OUTSTANDING DEBTS WILL RESULT IN SEVERANCE OF UNIVERSITY SERVICES, ADDING THE $25.00 SEVERANCE FEE, AND TRANSFER OF THE ACCOUNT TO THE STATE CENTRAL COLLECTIONS UNIT. A MINIMUM OF 15% COLLECTIONS CHARGES ARE ADDED AT THIS TIME.

MARYLAND LAW ALLOWS THE CENTRAL COLLECTION UNIT TO BLOCK ISSUANCE OF MARYLAND STATE INCOME TAX REFUNDS FOR INDIVIDUALS WITH DELINQUENT ACCOUNTS.

Tuition Waiver Policy

(Employee Spouse and Dependent)

The University Board of Regents has approved a partial tuition waiver policy for the spouse and dependent children of full-time University employees. The policy will provide a waiver of **one-third of the tuition charges only** for eligible students.

The Partial Tuition Waiver forms are available at each campus Personnel Department. The completed form is to be **HAND CARRIED** to the campus personnel office where the student's spouse or parent is employed for approval. The student copy of the approved form will be given to the student and should be maintained.

Approved tuition waiver credit will be posted to registered student's accounts only after completed Tuition Waiver forms are received by the Campus Personnel Department. If the student registers or adds additional courses after January 13, 1989, the student copy must be presented to the Bursar to ensure application of credit for partial tuition waiver.

ALL FORMS MUST BE SUBMITTED NO LATER THAN JANUARY 20, 1989.

If the student receiving the partial tuition waiver drops classes or withdraws from the University and is eligible for a refund, the refund computations will be made in such a way as to return the maximum amount to the tuition waiver account.

Remission of Tuition for Faculty and Staff

Every semester an approved Authorization for Remission of Tuition form must be turned in to the College Park Personnel Services Office (Room 1129, Lee Building) in order to receive credit on the student bill for courses taken by faculty and staff members. Usually the authorizing department will forward this form directly to the Personnel Services Office. Each faculty and staff member should check with his/her department to ascertain that the proper forms have been submitted.

Tuition waiver forms for students who registered early must be RECEIVED by campus personnel office before January 17, 1989. Students who register after January 13, 1989 must submit the Tuition Waiver Form and settle their account in full by 3:00 p.m. the following business day. ALL FORMS MUST BE SUBMITTED NO LATER THAN JANUARY 23, 1989.

Published deadlines and procedures for admission, readmission or reinstatement and registration apply to University faculty and staff who wish to take courses.

Questions regarding admission? Contact Admissions Office, 454-5550.
Questions regarding registrations? Contact Registrations Office, 454-5559.
Questions regarding employee remission of tuition? Contact Staff Benefits Office, 454-6312.

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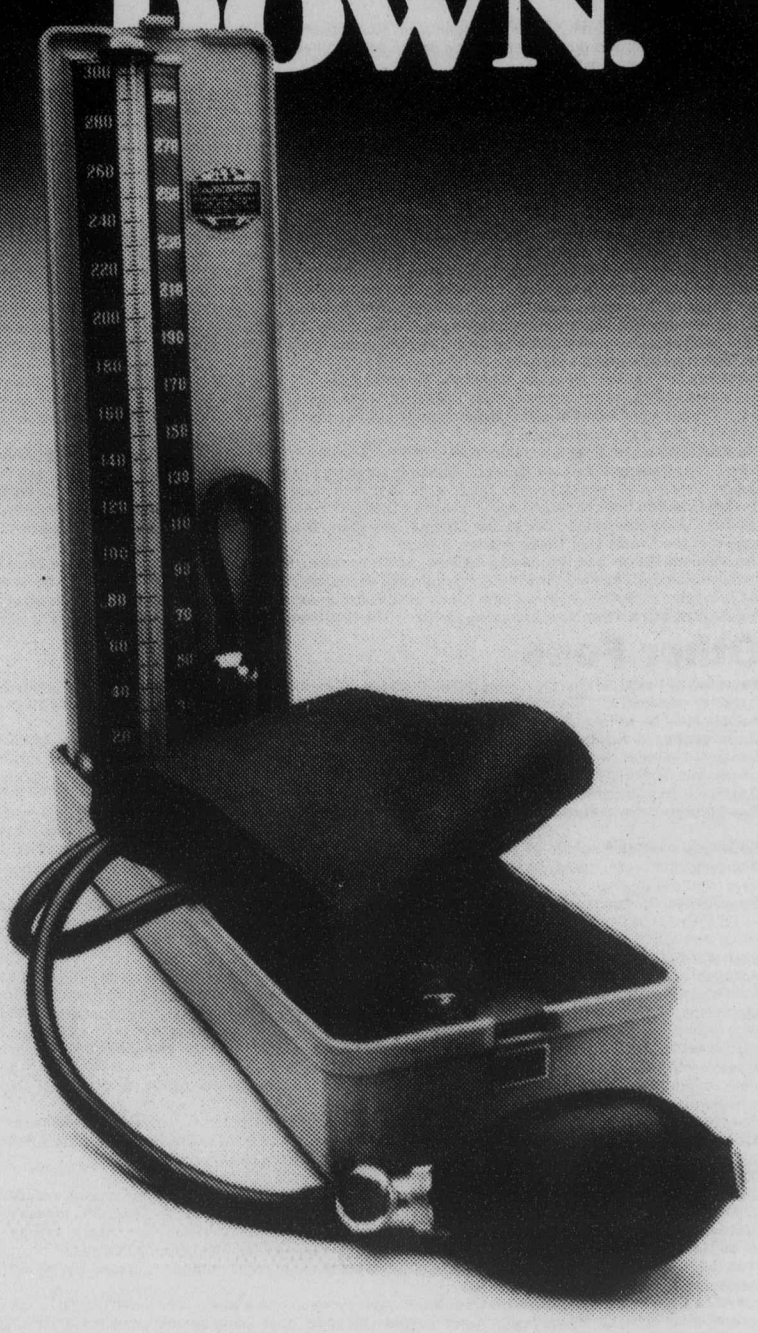

Many of the 60 million Americans who have high blood pressure don't know it. You could be one of them. So call the Red Cross and have your blood pressure checked. Because high blood pressure means a high risk of heart attack or stroke. And, unfortunately, the law of gravity doesn't affect it.

American Red Cross

Ad Council

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located under the Hoff Theatre
COLLECTIVELY OWNED AND OPERATED

hours
MON 7:30 - 6
TUES, WED, THUR 7:30 - 9:30
FRI 7:30 - 8
SAT 11 - 6
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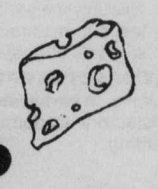

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Financial Aid Information

FINANCIAL AID CHECKS WILL NOT BE DISBURSED UNTIL JANUARY 23, 1989. THERE WILL BE NO EXCEPTIONS.

Students on scholarships and grants are expected to maintain a semester credit load of 12 hours. Neither credit (earned) by "Examination" nor courses taken as "Audit" can be counted toward credit level. If the registration of a student with a scholarship or grant falls below the required credit hours, the scholarship or grant is automatically cancelled. Cancellation of a scholarship or grant without subsequent payment of amounts due will lead to an indebtedness to the University. Such indebtedness can in turn lead to severance of services by the University. Any student receiving financial aid who is contemplating dropping credits should see his/her financial aid counselor **before** taking such action.

A student who has not received final approval of a financial aid award and accepted the award should not expect a credit on his/her bill nor a check at the time of registration. No deferment will be granted and the student should be prepared to pay his/her bill by the first day of classes unless financial aid has been **awarded and accepted** by the student.

Students sponsored by an agency or their employer remain responsible for their fees. When payment is not received by the University from the sponsor, the student will be charged.

Previously registered students' bills will be mailed. Students not registered will complete an estimated bill form at registration time. The following information may be helpful:

1. Scholarships, grants, & workships will be credited to student accounts. A check for any balance remaining after charges are paid will be available for those students receiving financial aid. Perkins Loans will be ordered in checks. Students may pick up their financial aid checks after securing at least 12 credits beginning January 23, 1989. Before a check can be distributed, students must present proof of the required credit hours, their photo ID card or driver's license, and the Spring bill sent to their permanent address. If an awarded financial aid has not been credited on the early registration bill, deduct the approved FA amount for the semester, and pay the balance due.
2. Students who receive scholarships, grants, or loans after classes have begun and who have paid their Student Account for the award period must request a refund in writing from the Office of the Bursar. The refund will take approximately five to six weeks to process after the credit balance appears on the account and the refund request is received.
3. Other scholarships and grants paid to the University by an outside agency will be credited to the student's bill. (Exception — National Merit Scholarship checks will be available in the Office of the Bursar.)
4. Stafford Loan (formerly Guaranteed Student Loan) checks may be picked up at the Office of theBursar, Room 1103, Lee Building. Before a check can be distributed, the student must present proof of registration for the required credit hours. Student identification such as the photo ID card or driver's license, and the early registration bill, if applicable, must be provided.
5. Dining Hall cash jobs will be paid bi-weekly to student as work is performed.
6. Dining Hall Workships (and other University Workships) will be credited to bill after signing contract with Dining Services.
7. College Work Study and other University student employment will be paid to the student bi-weekly as work is performed.
8. STUDENTS WHO RECEIVE A PERKINS LOAN MUST SUBMIT PROPERLY EXECUTED PROMISSORY NOTES AND ASSOCIATED FORMS. The loan credit cannot be posted to the student's account nor a check disbursed if the student has not turned in these forms.

   Deferments for repaying Perkins Loans require that students be registered at least half time: undergraduate students — 6 credits; graduate students — 24 academic units.
9. Students comtemplating a withdrawal should consult a Financial Aid counselor prior to the withdrawal. Aid will be prorated based on attendance. Those considering a second withdrawal may not be eligible for aid the subsequent semester.
10. The University will only make adjustments to financial aid awards (due to an increase in the credit hours taken to maintain the required 12 credit hours) until the beginning of the next spring semester for students attending the fall semester and June 30 for students attending the spring semester.

SATISFACTORY PROGRESS. To be considered for financial aid, applicants must be enrolled in degree, diploma, or certificate programs and be making satisfactory academic progress. A complete copy of our satisfactory academic progress policy is available in the office of Student Financial Aid, 2130 Mitchell Building.

Robert T. Stafford Loan Information

The Robert T. Stafford Loan formerly known as the Guaranteed Student Loan takes approximately 8 weeks to process. In order for your Stafford Loan check to be available by the Spring 1989 semester payment due date, you should submit your loan application to the Office of Student Financial Aid by October 15, 1988. Pending Stafford Loan applications and promissory notes may not be substituted in lieu of payment. The University does not have a deferred payment program. Payments for students who registered early for the Spring 1989 semester are due on or before January 17, 1989.

All applicants must have filed an FAF (Financial Aid Form) with the College Scholarship Service no later than September 15, 1988.

Withdrawal from the University

Procedures for Withdrawal from All Classes

Cancellation of Housing/Dining Contracts is a separate process, see Cancellation of Housing and/or a Meal Plan below.

January 23 or later

1. All students should report to Room 1101, Mitchell Building to complete a withdrawal form.
2. Withdrawal becomes effective on the date the form is filed with the Records Office. Stopping payment on a check does not constitute an official withdrawal. A notation of withdrawal and the effective date of the withdrawal will be posted to the permanent record.
3. Tuition credit will be initiated upon receipt of the Withdrawal Form. The percentage of credit is determined by the date the form is filed in the Records Office.
4. Refer to the chart below for refund information. Registration, Health, Athletic, Shuttlebus and Student Union and Recreation Fees are not refundable. A base figure of $823.00 for resident students and $2,516.00 for non-resident students is used in computing the amount of the credit adjustment after January 20. Credit adjustments for housing services not utilized are based upon the date of completion of residence halls checkout procedures and not upon the date of withdrawal from classes.
5. Be certain to return all books to the library and clear all financial accounts at the Office of the Bursar, Lee Building. Refunds for credit adjustments will be authorized after all student financial aid adjustments have been processed and any balance remaining on the account has been deducted.

Dates for Refund of Tuition for Withdrawal from All Courses*

		Resident	*Non-resident*
On or before January 20	100%	$953.00	$2,646.00
January 23-February 3	80%	658.40	2,012.80
February 6-10	60%	493.80	1,509.60
February 13-17	40%	329.20	1,006.40
February 20-24	20%	164.60	503.20
February 27 and later	0%	0.00	0.00

*Students who have made no payment on their account at the time of withdrawal will be billed according to the above schedule.

In computing refunds to students who have scholarships and loans from University funds, the computation will be made in such a way as to return the maximum amount to the scholarship and loan accounts without loss to the University.

Meal Plan Rates 1988-89* + Credit Adjustment

Week	*Fall*	*Spring*	*Fall*	*Spring*
1	9/5 - 9/11	1/23- 1/29	892.00	892.00
2	9/12- 9/18	1/30- 2/5	800.83	798.19
3	9/19- 9/25	2/6 - 2/12	709.66	747.91
4	9/26-10/2	2/13- 2/19	656.41	694.66
5	10/3 -10/9	2/20- 2/26	603.16	641.41
6	10/10-10/16	2/27- 3/5	549.91	588.16
7	10/17-10/23	3/6 - 3/12	496.66	534.91
8	10/24-10/30	3/13- 3/17	443.41	481.66
		Spring Break		
9	10/31-11/6	3/27- 4/2	390.16	428.41
10	11/7 -11/13	4/3 - 4/9	336.91	375.16
11	11/14-11/20	4/10- 4/16	283.66	321.91
12	11/21-11/23	4/17- 4/23	230.41	268.66
	Thanksgiving			
13	11/28-12/4	4/24- 4/30	202.44	215.41
14	12/5 -12/11	5/1 - 5/7	149.19	162.16
15	12/12-12/18	5/8 - 5/14	95.94	108.91
16	12/19-12/23	5/15- 5/21	67.97	75.94
17		5/22- 5/25		42.97

* The Meal Plan Rate Table also identifies the adjustment credit for cancellation of the meal contract. This credit will be in the amount identified for the first complete week after the cancellation has been approved by the Department of Dining Services.

Cancellation of Campus Housing and/or a Meal Plan

Charges for Room and Board are not refundable unless the student officially withdraws or is dismissed from the University and effectively completes **Campus Housing and/or Dining Services release procedures.** When the student completes the housing release procedures, charge adjustment will be computed based upon the requested release date and/or the date procedures for checking out of a room assignment are completed. Credits for housing services are made on a pro rata weekly basis.

In computing refunds to students who have scholarships and loans from University funds, the computation will be made in such a way as to return the maximum amount to the scholarship and loan accounts without loss to the University.

1. In order to receive a credit adjustment for the unused portion of a Housing or Dining Service Agreement, a student must notify those offices in writing (Certified Mail suggested) or in person during regular university hours.
2. The Dining Service I.D. Card must be turned in to the Dining Service Business Offices or $15.00 fine will be incurred.
3. A student who requests cancellation of his/her Dining Services Agreement must have the approval of the Department of Dining Services. If approved, there will be a $40.00 charge for cancelling the contract in addition to the prorated charge for meals.
4. The addresses of the Campus Housing Department and Dining Services Office follow:

   Assignments Office
   Campus Housing
   Room 2100
   Annapolis Hall
   College Park, MD 20742

   Contract Office
   Dining Services
   Room 0144
   South Campus Dining Hall
   College Park, MD 20742
5. Housing credit adjustments are based upon the date written notice of cancellation is received by Campus Housing, and the checkout date from the residence hall and in accordance with the applicable procedures outlined in the Residence Halls Agreement. No credit adjustments may be processed after the fourteenth week of classes in a semester.

On-Campus Housing Credit Adjustment Schedule

Date Cancellation Notice Received by Campus Housing	*Financial Obligation To Campus Housing*
November 28 or before	No financial obligation
November 29-December 11	1 week's housing — 68.56
December 12-25	2 weeks' housing — 137.13
December 26-January 8	3 weeks' housing — 205.69
January 9 and prior to check-in	4 weeks' housing — 274.25
After check-in	Consult Residence Halls Agreement

Refund Requests

To Obtain A Refund: To obtain a refund of a credit balance: a STUDENT must request the refund in writing. This can be done by: (1) addressing a letter to: Office of the Bursar, University of Maryland, College Park, Md. 20742, or (2) completing a request form available at the Student Counter, 1103 Lee Building. NO CREDIT BALANCE IS AUTOMATICALLY REFUNDED. Approximately five to six weeks is required from the time a credit balance appears on the account and a refund request is received until a check is mailed from The State Treasurer's Office in Annapolis. THE CHECK WILL BE MADE PAYABLE TO THE STUDENT and mailed to the student's permanent address. Refund checks will not be mailed to a campus address.

Refunds for Special Courses

CHEM 001, COOP 098/099, ENCO 098/099, ENGL 001, MATH 001 — Refunds: A part-time or full-time undergraduate who drops MATH 001, ENGL 001, or CHEM 001 will receive an 80% refund of the special fee if the course is dropped during the first five (5) days of classes and 0% thereafter. MATH 001, ENGL 001, or CHEM 001 will still be counted in the determination of hours for full-time or part-time status, notwithstanding the refund policy.

A part-time or full-time undergraduate student who drops COOP 098/099, or ENCO 098/099 will receive an 80% refund of the fee if the course is dropped during the first five (5) days of classes and 0% thereafter.

University of Maryland's

help CENTER

454—HELP

The HELP Center is the University of Maryland's hotline. More than 12,000 times a year, the phone rings and a HELP Center volunteer responds. We also receive close to one walk-in per day, on an average. The HELP Center is an all volunteer organization: between 30 and 50 volunteers each cover a weekly 4-hour shift on the phones. Professional back-up is available to us through the University's Counseling Center. The HELP Center is non-profit and is funded through the Student Activities Fee. Services we provide include

- Telephone Counseling
- Walk-in Counseling
- TDD
- Information and Referrals
- Pregnancy Testing
- Crisis Intervention
- Workshops

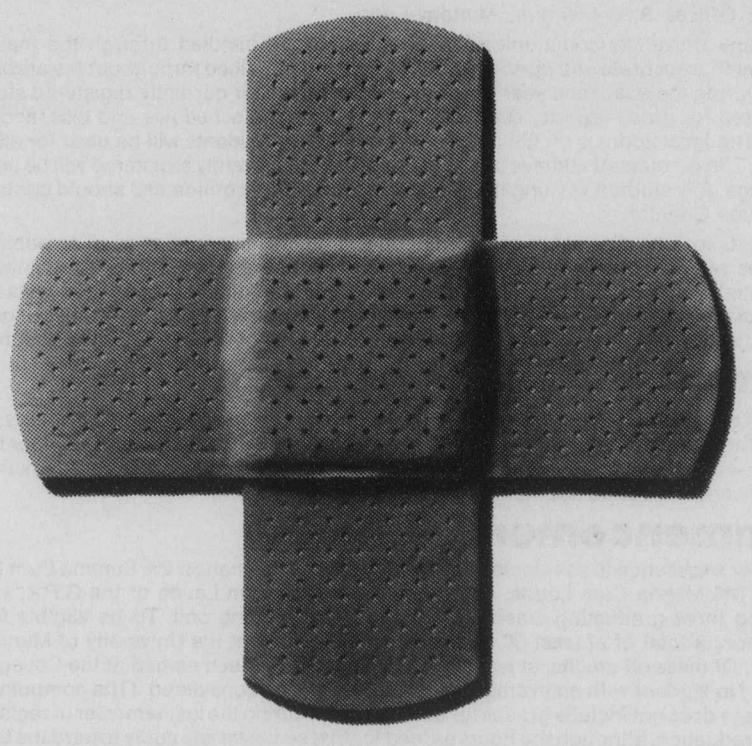
****

VOLUNTEER TRAINING

Twice a year, the HELP Center offers some of the most intensive communication and counseling training available to hotline volunteers in the D.C. metro area. We employ an experiential "learning by doing" approach, with an emphasis on self-understanding as a means of making contact with callers. Mandatory attendance of each segment is required in order to become a HELP Center volunteer. Training consists of:

Introductory Meeting
Interview
Group Dynamics Night
Weekend I
Weekend II
OJT (On-the-Job-Training)

"HELPING OTHERS HELP THEMSELVES"



WE'RE HURTING.

Saving lives can be very expensive. The costs of our disaster relief and other humanitarian programs keep mounting. And we can't afford to come up short.

Please help.

American Red Cross

Silver Spring

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Bay Windows
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434-0025

1, 2, 3 Bdrm. Apts.
Some w/Dens

Open Daily 9-6,
Sunday 12-5

Directions: Take Capitol Beltway to New Hampshire Ave. (Exit 28-B). Proceed to 1st traffic light. Turn left on Oakview Dr. 1 block to Greenwich Woods.

EQUAL HOUSING OPPORTUNITY

Quality Built by Artery Org.
Management by Dreyfuss

16
General Information

Final Examination Schedule
Spring Semester 1989

All final examinations must be held on the examination days of the Official Final Examination Schedule. No final examination shall be given at a time other than that scheduled in the Official Examination Schedule without permission of the department chair.

A final examination will be given in every undergraduate course. Exceptions may be made with the written approval of the chair of the department and the dean. Please note Sections 1, 2, 3, and 4 below concerning final examinations for certain courses. For additional information, see "Examinations" in the Undergraduate Catalog.

Examination Time	*Classes Scheduled*
May 17, Wednesday	
8:00-10:00	MWF 10
10:30-12:30	MWF 3
1:30- 3:30	BMGT 221
4:00- 6:00	BMGT 311, 424 ENES 221 HLTH 150 SPAN 204
7:00- 9:00	MWF 5 and later
May 18, Thursday	
8:00-10:00	MWF 11
10:30-12:30	TuTh 2
1:30- 3:30	MATH 001, 002, 110, 111, 115, 140, 141, 141H, 210, 211, 220, 221, 240, 241, 241H, 246, 251, 256 STAT 100
4:00- 6:00	BMGT 301, 302 GERM 101, 102, 103, 104 HEBR 112
7:00- 9:00	TuTh 5 and later
May 19, Friday	
8:00-10:00	MWF 1
10:30-12:30	BMGT 440 CHEM 103, 104, 113, 115, 233, 243, 245, 481, 482
1:30- 3:30	TuTh 9
4:00- 6:00	ASTR 100 PHYS 161, 263
May 20, Saturday	
8:00-10:00	MWF 9
10:30-12:30	TuTh 12
1:30- 3:30	CMSC 103 FREN 101, 102, 103, 104
4:00-6:00	ECON 203, 430
May 22, Monday	
8:00-10:00	MWF 2
10:30-12:30	TuTh 11
1:30- 3:30	EDMS 451 PSYC 100
4:00- 6:00	MWF 4
7:00- 9:00	ITAL 101, 102 ECON 201
May 23, Tuesday	
8:00-10:00	MWF 12
10:30-12:30	TuTh 8
1:30- 3:30	BMGT 310, 332, 422 ENES 110, 110H, 220
4:00- 6:00	TuTh 4
7:00- 9:00	PHYS 121, 262 RUSS 102, 202
May 24, Wednesday	
8:00-10:00	MWF 8
10:30-12:30	TuTh 3
1:30- 3:30	TuTh 1
4:00- 6:00	TuTh 10

1. Final examinations for all sections of the following courses are given at the times listed in the above schedule. Note that these exam times do not depend on the hour or day at which the particular section meets. The rooms in which these examinations will be held will be announced in class.

ASTR 100
BMGT 221, 301, 302, 310, 311, 332, 422, 424, 440
CHEM 001, 103, 104, 111, 113, 115, 233, 243, 245, 481, 482
CMSC 103
ECON 201, 203, 430
EDMS 451
ENES 110, 220, 221
FREN 101, 102, 103
GERM 101, 102, 103, 104
HEBR 112
HLTH 150
ITAL 101, 102
MATH 001, 002, 110, 111, 115, 140, 141, 141H, 210, 211, 220, 221, 240, 241, 241H, 246, 251, 256
PHYS 121, 161, 262, 263
PSYC 100
RUSS 102, 202
SPAN 204
STAT 100

2. Final examinations for courses scheduled for 75-minute periods on Tuesday and Thursdays, exclusive of the courses listed in Section 1 above, will be given according to the following schedule:

Class Scheduled		*Examination Time*	
Tu Th 8:00- 9:15	Tuesday	May 23	10:30 a.m.-12:30 p.m.
Tu Th 9:30-10:45	Friday	May 19	1:30 p.m.- 3:30 p.m.
Tu Th 11:00-12:15	Monday	May 22	10:30 a.m.-12:30 p.m.
Tu Th 12:30- 1:45	Saturday	May 20	10:30 a.m.-12:30 p.m.
Tu Th 2:00- 3:15	Thursday	May 18	10:30 a.m.-12:30 p.m.
Tu Th 3:30- 4:45	Wednesday	May 17	10:30 a.m.-12:30 p.m.

3. Final examinations for BMGT courses numbered 600 and above will be given during the Final Examination Period. The time does not always follow the schedule outlined in Sections 1 and 2 above. The BMGT exam schedule will be printed in the second edition of the Spring 1989 Schedule of Classes. The evening classes will have their exams in the evening during their regularly scheduled class periods.
4. All education classes scheduled 4 p.m. and later will have their final examinations during the Final Examination Period at their scheduled class times. Those education classes meeting in the Benjamin Education Building (EDU) will have their exams in their regularly scheduled class rooms. Any education courses taught in another building may have the final exam scheduled in another classroom or building.

University College Students

University College students who wish to enroll at the College Park campus while continuing to pursue a degree program at University College must first obtain a letter of permission from University College.

In order to be eligible for a letter of permission, UMUC students must have completed a minimum of 15 semester hours of coursework with University College and have an overall grade point average of 2.0 for all University of Maryland coursework. University College students who were previously enrolled at UMCP must have completed a minimum of 15 semester hours of coursework with University College with at least a "C" (2.0) grade point average. In addition, all students must have a tentative evaluation completed by an academic advisor and have requested an official evaluation.

Eligible students may request a letter of permission by writing the UMUC Office of Registration and Student Services at the Center of Adult Education, Room 0300, or by calling 985-7262. Please request the letter at least two weeks prior to the date it is needed. Present the letter to registration officials at UMCP in order to complete your registration.

Academic Dishonesty

A. CHEATING

Intentionally using or attempting to use unauthorized materials, information or study aids in any academic exercise.

Comments:

1. Students completing any examination should assume that external assistance (e.g., books, notes, calculators, conversation with others) is prohibited unless specifically authorized by the instructor.
2. Students must not allow others to conduct research or prepare any work for them without advance authorization from the instructor. This comment includes, but is not limited to, the services of commercial term paper companies.
3. Substantial portions of the same academic work may not be submitted for credit or honors more than once without authorization.

B. FABRICATION

Intentional and unauthorized falsification or invention of any information or citation in an academic exercise.

Comments:

1. "Invented" information may not be used in any laboratory experiment or other academic exercise without notice to and authorization from the instructor.
2. One should acknowledge reliance upon the actual source from which cited information was obtained.
3. Students who attempt to alter and resubmit returned academic work without notice to the instructor would be in violation of this section.

C. FACILITATING ACADEMIC DISHONESTY

Intentionally or knowingly helping or attempting to help another to commit an act of academic dishonesty.

D. PLAGIARISM

Intentionally or knowingly representing the words or ideas of another as one's own in any academic exercise.

Comments:

1. *Direct Quotation:* Every direct quotation must be identified by quotation marks or by appropriate indentation and must be promptly cited in a footnote. (Proper footnote style for many academic departments is outlined by the MLA Style Sheet or K.L. Turabian's, *A Manual for Writers of Term Papers, Thesis and Dissertations).*
2. *Paraphrase:* Prompt acknowledgement is required when material from another source is paraphrased or summarized in whole or in part in your own words.
   A footnote acknowledging only a directly quoted statement does not suffice to notify the reader of any preceding or succeeding paraphrased material.
3. *"Borrowed Facts or Information:* Information obtained in one's reading or research; which is not common knowledge among students in the course, must be acknowledged.
   Materials which contribute only to one's general understanding of the subject may be acknowledged in the bibliography and need not be immediately footnoted.

ACADEMIC DISHONESTY IS A SERIOUS OFFENSE WHICH FREQUENTLY RESULTS IN SUSPENSION OR EXPULSION FROM THE UNIVERSITY

TO REPORT ACADEMIC DISHONESTY DIAL 454-4746 AND ASK FOR THE "CAMPUS ADVOCATE"

STUDENTS ACCUSED OF ACADEMIC DISHONESTY SHOULD REQUEST A COPY OF THE DOCUMENT "PREPARING FOR AN ACADEMIC DISHONESTY HEARING", AVAILABLE IN THE JUDICIAL PROGRAMS OFFICE (454-2927)

Change of Address Procedure

Change in either local mailing or permanent address can be processed AT ANY TIME DURING THE SEMESTER IN WHICH THEY OCCUR. Address changes are posted to the computer by the Office of the Bursar. Address Change Forms are available at the following places:

1. Office of the Bursar, Address Unit, Lee Building, Room 1121 or 1103, 8:30 a.m. to 4:15 p.m., Monday-Friday.
2. Registration Counter, Mitchell Building, First Floor Lobby, 8:30 a.m.-4:30 p.m. Monday through Friday.
3. Deans' Offices, 8:30-4:30 p.m., Monday-Friday

Since many University communications to students are handled through the mail, it is imperative that accurate and up-to-date addresses be maintained throughout the enrollment period. During the academic year the permanent address for currently registered students will be used for grade reports, combined early registration schedules and bills, and other billings. The local address on file for currently registered students will be used for all other mailings. The permanent address on file for students not currently registered will be used for all mailings. Any student wishing his/her address to be kept confidential should contact the Registration Counter.

All requests for non-disclosure of information will be implemented as soon as publication schedules will reasonably allow. The University will use its best efforts to maintain the confidentiality of those categories of information which a student properly requests not be publicly disclosed. The University, however, makes no representations, warranties or guarantees that information designated for non-disclosure will not appear in public documents.

Change of Name Procedure

A change of name can be processed at any time during the semester in which it occurs. Name Change forms are available at the Registration Counter, Mitchell Building, First Floor Lobby, 8:30 a.m.-4:30 p.m., Monday-Friday. Proof of name change (court order, marriage license, driver's license) must be submitted with name change form.

Commencement Honors

Honors for excellence in scholarship are determined by the highest 2% Summa Cum Laude, the next 3% Magna Cum Laude, and the following 5% Cum Laude of the G.P.A.'s of the preceding three graduating classes of each degree granting unit. To be eligible for this recognition, a total of at least 60 semester credits earned at the University of Maryland is required. Of these 60 credits, at least 30 credits must have been earned at the College Park campus. No student with an average less than 3.00 will be considered. (The computation of the average does not include grades for courses taken during the last semester of registration before graduation, although the hours earned for that semester will apply toward the 60-hour requirement.)

Computer Science Center

Non-Credit Training Courses (Spring 1989)

The Computer Science Center offers a series of *free* workstation training classes scheduled during evening and weekend hours. Classes in the use of workstations (e.g., the IBM PC, XT, AT, PS/2 and Macintosh microcomputers) are designed to be a hands-on experience for those who wish to use a computer to do their class assignments and work.

The classes include: Introduction to the IBM PC and MS-DOS, WordPerfect on the IBM PC, Introduction to the Macintosh, and MacWrite on the Macintosh. Instructors for the classes are computer experienced students.

The workstation training courses are in addition to the CSC's traditional non-credit short courses which, this Spring, will include surveys of Unix and C.

Courses will begin in March. Drop by the CSC Program Library (room 2337) to register for classes, or call 454-6945 for scheduling information.

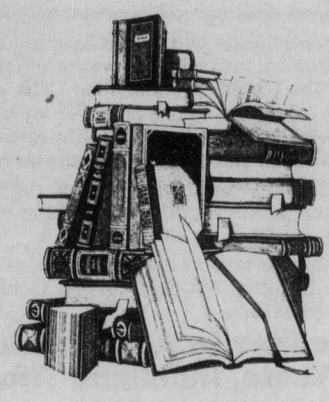
Disabled Student Services

Special assistance is available for students with disabilities. Among the services offered are: assistance with registration, reader services, interpreter services, and classroom accessibility information. Students should contact the D.S.S. office at the earliest possible opportunity prior to the registration period so that services can be arranged in advance.

454-5028 (voice)
454-5029 (TDD)

Contact the Disabled Student Service Office in the Counseling Center, Shoemaker Hall, Room 0126, 8:30 to 4:30 Monday through Friday.

NOTES



Adelphi

All the Extras
for Nothing Extra

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APARTMENTS

Wall-to-wall Carpeting
Spacious Rooms
Newly Remodeled Kitchens
Swimming Pool
Wooded Grounds
Solid Construction
Minutes to
University of Maryland
Close to Metro, School,
Shopping & Churches

ALL UTILITIES INCLUDED

434-4303

1, 2, & 3 Bedroom Apartments

Open Daily 9-6
Sunday 12-5

Directions: Capitol Beltway to Exit 28-B (New Hampshire) to second light (Adelphi Rd.) left on Adelphi. Proceed 1½ blocks to rental office at 9408 Adelphi.

EQUAL HOUSING
OPPORTUNITY

Management by Dreyfuss

Emergency Weather Conditions

Code GREEN — Campus is open. All classes will start on time.

Code YELLOW — Campus opens two hours late. All classes scheduled to start prior to 10:00 a.m. are cancelled.

Code ORANGE — All classes are cancelled.

Code RED — The campus is closed. All classes are cancelled and all offices are closed.

Stations Designated to Broadcast Emergency Condition Reports

Radio Station	*Frequency*	*Location*	*TV Station*	*Channel*	*Location*
WTOP	1500 AM	D.C. Area	WRC	4	D.C. Area
WRC	980 AM	D.C. Area	WJLS	7	D.C. Area
WMAL	630 AM	D.C. Area	WUSA	9	D.C. Area
WGMS	103.5 FM	D.C. Area	WMAR	2	Baltimore Area
WBAL	1090 AM	Baltimore Area	WJZ	13	Baltimore Area
WCAO	600 AM	Baltimore Area	WBAL	11	Baltimore Area

CAMPUS INFORMATION: 454-3311

Engineering Jobs Hotline — 454-7676

This is a listing of currently available part-time, off- and on-campus engineering jobs paying various hourly rates. The line is in operation 24 hours a day. Call **454-7676.**

Experiential Learning Programs

0119 Hornbake Undergraduate Library, 454-4767

Experiential Learning Programs (ELP) offers four of the University's most exciting learning opportunities — internships, cooperative education, volunteer service, and student exchange. Each is designed to give students "hands-on" experience that can help them integrate classroom learning with practice, provide valuable on-the-job experience, make professional contacts, observe career fields first-hand, experience different educational, work or cultural environments and clarify personal and professional goals.

Internships

An internship is a paid or unpaid work experience with specific educational objectives that may be granted academic credit. Students can use extensive ELP listings, which include more than 2000 opportunities in more than 1300 organizations, businesses and agencies to identify possible internships. Directories and catalogues are also available in the ELP office which describe hundreds of other local and national positions. In addition, the ELP staff can show students how to investigate and design unique internship opportunities which might not be listed in our files. Once students have found a placement, they can enlist a full-time faculty member to provide sponsorship for academic credit.

Internship Credit Policies for ___ 386 / ___ 387

Students can earn academic credit for their internship experience through departmental internships or through the campus-wide internship courses ___ 386 Field Experience and ___ 387 Analysis of Field Experience. The following are Campus Senate Policies regarding ___ 386 / ___ 387:

- ___ 386 and ___ 387 may be taken by any student with the permission of a full-time faculty member, **if** it is a departmental option and in accordance with departmental requirements and internship policies.
- ___ 386 and ___ 387 must be taken concurrently.
- ___ 386 and ___ 387 may be taken for a letter grade or pass-fail.
- ___ 386 and ___ 387 are variable credit courses. Each may be awarded from 1-3 credits with a maximum of 6 credits for the two courses combined, unless otherwise stipulated by departmental policy.
- ___ 386 and ___ 387 may be taken only once in a given department.
- ___ 386 and ___ 387 may be taken in only one department per semester.
- ___ 386 and ___ 387 may be taken for a maximum of 24 credits in an undergraduate program.

Mandatory Learning Proposals

Learning Proposals, which can be obtained in the ELP office, are **mandatory** for all students taking ___ 386 Field Experience and ___ 387 Analysis of Field Experience. The Learning Proposal is a learning contract that spells out and clarifies the nature of a student intern's placement, learning objectives, specific responsibilities, supervision, in-service training, method of evaluation, and contact with the faculty sponsor. The process for developing a Learning Proposal is intended to include the student, faculty sponsor and the on-site supervisor, all of whom must sign the finished proposal before it is returned to ELP.

Students must have Learning Proposals completed and copies to ELP, faculty sponsors and on-site supervisors, no later than the third week of the semester. If the Learning Proposal is not completed, the student may have his/her ___ 386 / ___ 387 credit removed. It is, however, strongly recommended that the Learning Proposal be completed before a student registers for ___ 386 / ___ 387. Thus, the student, faculty sponsor and on-site supervisor can be in agreement about the expectations of the internship experience prior to registration.

Cooperative Education for Liberal Arts and Business

Cooperative Education is the most intensive form of experiential learning. Students alternate one or two semesters of full-time paid employment with semesters of full-time study. Co-op employees include hundreds of agencies within the federal government and leading private organizations. Most co-op students are then offered permanent positions after graduation. To be eligible a student must have completed 36 credits, 12 of which must be from UMCP, with a 2.0 G.P.A., cumulative and in major. Sign-up for one of our weekly information sessions to learn how co-op can help you earn a future while you earn a degree! But remember, you need to apply a full semester in advance of when you would like to co-op, so stop by today!

Volunteer Service

Students can learn while being of service to others as a student volunteer. The ELP office lists more than 400 different opportunities for community and public service in a variety of settings, addressing such issues as child welfare, family services, illiteracy, hunger, homelessness, and environmental preservation. Students are encouraged to incorporate some volunteer service as part of their undergraduate experience. The opportunities to be of service are almost without limit.

National Student Exchange Program (NSE)

The National Student Exchange Program offers UMCP students the opportunity to study at 75 participating public colleges and universities across the country. UMCP students pay their Maryland tuition and fees, and room and board at their host campus. Students may exchange for a semester or a year. NSE offers the opportunity to explore new geographical settings, investigate graduate school options, experience academic diversity, and study under different educational and social circumstances in various parts of the continental U.S, Hawaii, the Virgin Islands, and Puerto Rico. While the application deadline is March 1st for the following academic year, students who are interested in NSE are encouraged to contact the ELP office as soon as possible to plan for their exchange. Students may not exchange during their senior year.

Golden Identification Card Program

The College Park campus participates in the University of Maryland's Golden Identification Card Program. The campus will make available courses and various services to persons who are 60 years of age or older, who are residents of the State of Maryland and who are retired (not engaged in gainful employment for more than 20 hours per week); or who are under 60 years of age and are retired and disabled as defined by the Social Security or Railroad Retirement Act. When persons eligible for this Program apply for the Program and receive their Golden Identification Cards, they may register on a space available basis for credit courses as regular or special students in any session. Golden ID students must meet all course pre-requisite and co-requisite requirements. Golden ID students are not eligible for Consortium courses with the waiver of fees. College Park tuition and most other fees are waived. The Golden Identification Card will entitle eligible persons to certain academic services, including the use of the libraries, as well as certain other non-academic services. **Such services will be available during any session only to persons who have registered for one or more courses for that session.**

Golden ID students also have the opportunity to become involved with the Golden ID Student Association which provides cultural and social events, course recommendations, and peer advising.

Additional information may be obtained from the Office of Undergraduate Admissions, Mitchell Building, 454-5559, or the Golden ID Student Program, Room 0119 Hornbake Library, 454-4767.

Guidelines to Administration for Examinations and Tests, Including Those on Religious Holidays

All examinations and tests shall be given during class hours in accordance with the regularly scheduled (or officially "arranged") time and place of each course listed in the *Schedule of Classes and/or the Undergraduate Catalog*. Unpublished changes in the scheduling or location of class/tests must be approved by the department chairman and reported to the Dean. It is the responsibility of the student to be informed concerning the dates of announced quizzes, tests and examinations.

It is the policy of the University to excuse the absences of students that result from religious observances and to provide without penalty for the rescheduling of examinations and other written tests that fall on religious holidays. In addition, examinations and other written tests may not be scheduled on Rosh Hashannah, Yom Kippur, or Good Friday.

A make-up examination, when permitted, must be given on Campus, unless the published schedule and course description require other arrangements. The make-up examination must be at a time and place mutually agreeable to the instructor and student, cover only the material for which the student was originally responsible, and be given while the material is still current. The make-up must not interfere with the student's regularly scheduled classes. In the event that a group of students require the same make-up examination, one make-up time may be scheduled at the convenience of the instructor and the largest possible number of students involved. Under the same guidelines students shall have equal access to all information and drills missed due to the reasons listed.

An instructor is not under obligation to give a student a make-up examination unless the absence was caused by illness, religious observance, participation in University activities at the request of University authorities, or compelling circumstances beyond the student's control. In cases of dispute the student may appeal to the Chair of the department offering the course, *within one week from the date of the refusal of the right to take a make-up exam.*

Health Center

Check out the Health Center located directly across from the Stamp Union on Campus Drive for primary care of illness and injury, health promotion and maintenance, consultation or education. Health Center services include the dental clinic, men's clinic, women's clinic, skin care, sports medicine, physical therapy, nutrition counseling, mental health, social services, laboratory, and a pharmacy. Individual and group health education programs are also available on topics such as sexual health and contraception, stress management, substance use and abuse, and sexuality and communication.

The Health Center is open 24 hours, seven days a week. Hours vary during semester breaks and holidays. Appointments are recommended. Students, however, are also seen on a walk-in basis. Some problems may require referral outside the Health Center at the student's expense.

Currently registered students who have paid the health fee are eligible for care. This fee covers most routine costs. There are additional charges for special services such as X-ray, laboratory tests, dental treatment, allergy injections, and pharmacy supplies.

All information in student medical records is confidential. Medical information is released only with the student's written permission or court-ordered subpoena. The Health Center does not issue routine absence excuses for illness or injury. In cases of prolonged absence or a missed exam, with the student's signed permission, the Health Center will verify dates of treatment.

Health Center telephone numbers to remember: information X3444, appointments X4923, mental health service X4925, pharmacy X6439, health insurance X6750, health education X4922.

UMCP Human Relations Code

THE UMCP HUMAN RELATIONS CODE PROHIBITS DISCRIMINATION WITHIN THE COLLEGE PARK COMMUNITY ON THE BASES OF:

- race
- color
- creed
- sex
- sexual harassment
- age
- marital status
- national origin
- personal appearance
- political affiliation
- mental or physical handicap
- the exercise of the rights secured by the First Amendment of the United States Constitution, such as the right to assemble peacefully, freedom of speech, including the expression of sexual preference.

If you feel you have been subjected to any form of discrimination, you may file a complaint with a member of the Human Relations Code Equity Team, which includes:

MS. GLADYS BROWN, J.D.
Campus Compliance Officer and Acting Director
UMCP Human Relations Programs
1107 Hornbake Library
X4124 or X4707

EQUITY ADMINISTRATORS:

MR. JAMES N. NEWTON
College of Engineering
1131 Engineering Classroom Bldg.
X2421

MR. EUGENE M. BRITT
College of Agriculture and College of Life Sciences
1221 Symons Hall
X3743

DR. JUDY BROWN
College of Business and Management
3410 Tydings Hall
X2406

DR. KENT CARTWRIGHT
College of Arts and Humanities
Francis Scott Key Hall
X6797

DR. CAROLINE B. CODY
College of Education
Benjamin Building
X2014

DR. REESE CLEGHORN
College of Journalism
2109 Journalism Building
X5715

MR. WILLIAM D. CUNNINGHAM
College of Library and Information Services
4111C Hornbake Library
X2376

MS. MAITLAND W. DADE
Office of Institutional Advancement
2101 Turner Laboratory
X4198

DR. MARIE DAVIDSON
Academic Affairs
1119 Main Administration Building
X2052

MS. SHARON FRIES
Student Affairs
2108 North Administration
X2925

DR. EFFIE A. HACKLANDER
College of Human Ecology
1100C Marie Mount Hall
X5387

MS. DIANA JACKSON
College of Behavioral and Social Sciences
2141 Tydings Hall
X5272

MR. FRANK MORRIS
School of Public Affairs
Morrill Hall
X6193

MS. LYNETTE OVERBY
College of Physical Education, Recreation and Health
2314 PERH Building
X3096

MR. STEPHEN F. SACHS
School of Architecture
1205 Architecture Building
X4174

DR. JAMES M. WALLACE
College of Computer, Mathematical, and Physical Sciences
Mathematics Building
X4906

DR. SYLVIA STEWART
Administrative Affairs
1132 Main Administration Building
X4795

Identification Cards

New Photo Identification Cards will not be issued to students who currently have them.

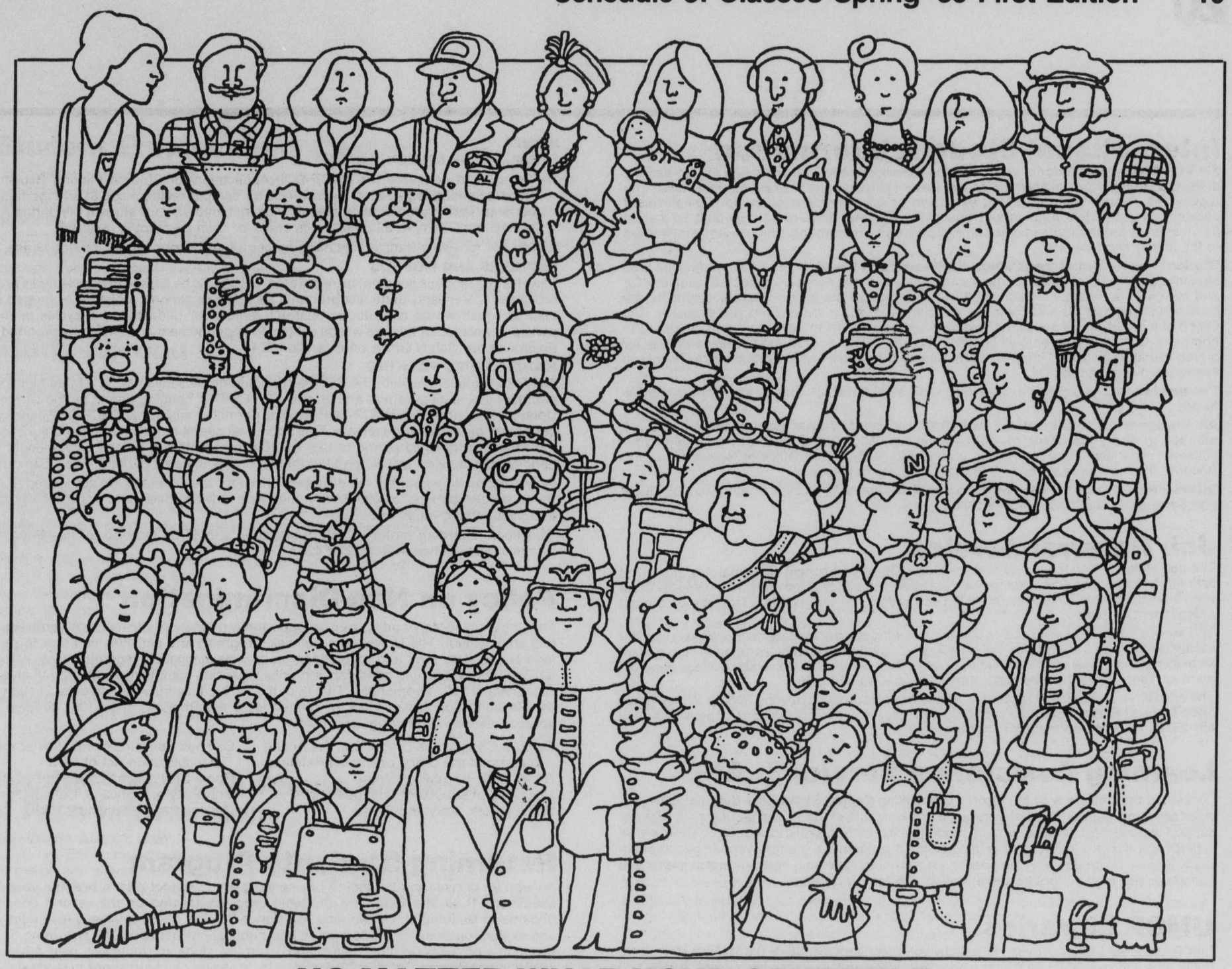
Students who registered early for the Spring 1989 session will receive a new Registration Card along with their Class Schedule and Bill. This card will validate their Photo Identification Card. Both cards should be carried at all times.

Students who have not registered will receive identification cards when they do register.

Together the Photo Identification Card and Registration Card can be used by all students to withdraw books from the libraries, for admission to most athletic, social, and cultural events, and as a general form of identification on campus. Students who have food service contracts must use the Photo Dining Services Card for admission to the dining halls.

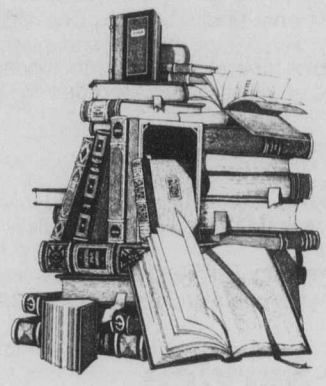
There is a replacement charge of $1.00 for lost or stolen Registration Cards and $7.00 for lost, stolen, or broken Photo Identification Cards.

Questions concerning the identification system should be addressed to the Office of Registrations (454-5365).



**NO MATTER WHAT YOUR SCHEDULE,
WE CAN FIT YOU IN**

NOTES



International Student Information

F-1 Visa Students: Students with F-1 status are responsible for maintaining the regulations of the U.S. Immigration and Naturalization Service pertaining to their F-1 student status. The regulations affect areas concerning extension of stay, transfers, off-campus employment authorization, practical training and course loads. The Office of International Education Services is the only authorized office on campus to sign documents which must be forwarded to the Immigration Service.

Students on Nonimmigrant Student (F-1 and J-1) Visas: In order to maintain full-time student status for immigration purposes, undergraduate students are expected to register for and complete a minimum credit load of 12 hours per semester; graduate students are expected to register for and complete a minimum of 48 graduate units per semester. The Office of International Education Services must be notified in advance if you are going to complete the semester below the required minimum course load. Please watch for announcements from the Office of International Education Services about future changes in Immigration regulations.

Passports: Your passport must be kept valid at all times for at least six months into the future.

All Students on Immigration and Nonimmigrant Visas: Every semester, you are required to notify the Office of International Education Services of any change in your address and/or telephone number, in addition to notifying the Office of Registrations and Records. You will be required to show proof of health insurance.

International Students Information and Questions: The Office of International Education Services, Room 2115, Mitchell Building.

Job Referral Service

The Job Referral Service, an extension of the Office of Student Financial Aid, maintains listings of available part-time, temporary, and summer jobs located on and off campus. There is no financial evaluation to determine the eligibility for positions listed. The jobs are offered independent of need.

This service is available at no cost to prospective employers and students. Employers list their vacancies through our office by calling 454-2821. Students must be enrolled for the current semester at the University of Maryland, College Park campus or University College. Employment advising is available by appointment or on a walk-in basis.

The Job Referral Service is located in Room 3120 Hornbake Building (South Wing) and is open Monday-Friday from 8:30 a.m.-4:30 p.m. Students are encouraged to stop by or call 454-2490 for more information about the service.

Learning Assistance Service (LAS)

Located in the University of Maryland's Counseling Center, Shoemaker Building, LAS provides academic support for undergraduate and graduate students and faculty/staff. Areas of support include mathematics, writing, reading, examination skills, introductory college level science and statistics courses, note taking, time management, grammar, spelling and vocabulary. Special programs are also offered for returning students, international students and college-bound high school students. Call X2935 for information.

UMCP Libraries

UMCP Libraries includes over 1.9 million volumes, approximately 3.6 million microform units, and approximately 22,000 current periodicals and newspapers, as well as 600,000 government documents, almost 100,000 maps, and 78,700 nonprint media sources.

The **Theodore R. McKeldin Library** is the main library of the UMCP library system, containing automated and printed reference works, periodicals, circulating books, and other materials to support mainly the graduate and research programs of the University in the life sciences, social sciences and humanities. Special collections housed here include literary manuscripts and collections, the East Asia Collection, Maryland state documents and Maryland related books and manuscripts, University of Maryland archives, and U.S. Government documents.

The **Hornbake Library** houses reference, circulation, and reserve services aimed for undergraduates, a study room open 24 hours a day during spring and fall semesters, and the most study space of any campus library. The Nonprint Media Services Department on the fourth floor of Hornbake Library features color video tape players and playback units, enclosed rooms equipped with instructor's consoles for the use of nonprint media materials, dial access capabilities for instructional purposes, as well as tapes, records and films for use of the University community.

Besides Hornbake Library, other branch libraries include:

- **Art Library** (Art-Sociology Building)
- **Architecture Library** (Architecture Building)
- **Engineering and Physical Sciences Library** (Mathematics Building)
- **Music Library** (3rd floor, Hornbake Library)
- **White (Chemistry) Memorial Library** (Chemistry Building)

All University of Maryland students, faculty, and staff may borrow from all UMCP Libraries.

Off-Campus Housing Service

The Office of Commuter Affairs provides a free listing and referral service for all students, faculty and staff of the University who are seeking housing or have a property to rent. The office is located in 1195 Stamp Student Union and is open Monday-Friday, 8:30 a.m.-4:30 p.m. 454-3645.

Office of Public Service

The Office of Public Service provides information referral to outside callers interested in using the resources of any of the University's eleven campuses. Help is available to staff and students too. Located in the Wilson H. Elkins Building, Central Administration. Hotline number: 454-3000.

Parking Registration Information

WHO??

All students who plan to attend the University during the Spring 1989 semester and who plan to park a motor vehicle on campus must register with the Department of Campus Parking (DCP) for a parking permit. If you purchased a UMCP-DCP parking permit during the Fall 1988 semester you do not have to register for a new permit. Permits issued during the Fall semester are valid through August 31, 1989. **PLEASE NOTE: FRESHMAN AND SOPHOMORE RESIDENT STUDENTS ARE PROHIBITED FROM REGISTERING OR MAINTAINING A VEHICLE ON CAMPUS: THEREFORE SHOULD NOT BRING A VEHICLE TO CAMPUS. CONTACT THE DCP FOR MORE INFORMATION.**

WHEN??

Date	*Time*	*Location*
December 14-22, 1988	8:30 a.m.-4:15 p.m.	Department of Campus Parking Parking Garage 2, Building #202 Corner of Regents and Field House Dr.
January 19 and 20, 1989	8:30 a.m.-4:30 p.m.	Armory, Room 0126
January 23 and 24, 1989	8:30 a.m.-6:00 p.m.	Department of Campus Parking
January 25 and later	8:30 a.m.-4:15 p.m.	Department of Campus Parking

HOW??

1. BRING YOUR STUDENT I.D. CARD.
2. Pick up and complete the UMCP-DCP Application for Student Parking Registration. Student parking registration fee is $34.00 for campus resident and $18.00 for commuter students. Parking registration fees may be included on your student bill during Armory registration ONLY. At all other times check or cash payment is required.
3. You will receive a transferable hanging permit and Informational Parking Guide.

BICYCLES AND MOPEDS

Bicycles and mopeds need not be registered, but should be parked in bicycle racks provided on campus. Maryland State law prohibits securing or parking a bicycle or moped in any manner which would obstruct or obstruct vehicles or pedestrians. Bicycles or mopeds parked in violation of this law will be subject to impoundment and should be reported to the Environmental Safety Office on extension 5744.

HANDICAPPED PARKING

All persons associated with the University (including those displaying a State handicapped permit or tag) must purchase and display a UMCP-DCP hanging permit for the current year. Upon the issuance of the UMCP-DCP hanging permit, an additional UMCP-DCP handicapped permit will be issued at no charge. This additional permit must be used in conjunction with the State handicapped permit or tag, in order for identifying person or passenger to use handicapped spaces, unpaid parking meters or any ungated parking lot on Campus.

Only persons for whom the handicapped privileges are extended are authorized to park in these special parking areas. Family members driving these vehicles must utilize their assigned parking lot(s).

Questions regarding motor vehicle registration should be referred to the Motor Vehicle Administration Office, 454-4242 or 4243.

Policy on Non-Discrimination

The University of Maryland is an equal opportunity institution with respect to both education and employment. The University's policies, programs and activities conform to pertinent federal and state laws and regulations on non-discrimination regarding race, color, age, national origin, sex, and handicap. Inquiries regarding compliance with Title VI of the Civil Rights Act of 1964 as amended. Title IX of the 1972 Education Amendments, Section 504 of the Rehabilitation Act of 1973, or related legal requirements should be directed to the appropriate individual designated below.

Campus Compliance Officer and the Acting Director of the Office of Human Relations
Room 1107, Hornbake Library
University of Maryland, College Park
College Park, Maryland 20742

Campus Coordinator for §504 of the Rehabilitation Act of 1973
Room 2101, Main Administration Building
University of Maryland, College Park
College Park, Maryland 20742

Returning Students Program

Are you 25 or over and beginning or coming back to school after a break in your formal education? If so, the Returning Students Program, located on the second floor of the Shoemaker Building in the Learning Assistance Service, offers you many resources. Come and explore our extensive information and publications network. The Returning Students Program's professional counselors and returning students trained as peer advisors are available to help you. Call 454-2935 or stop by to see us. Our workshops in study skills, time management, goal setting, exam skills, and library skills are scheduled several times during each semester. EDCP 108R — a one-credit course for returning students is offered Fall and Spring semesters. This course includes exploration of academic, career, and personal goals, as well as study skills techniques and information about campus resources.

A new offering this year is the *Returning Students Coffee and Conversation Group*. Drop in anytime any Monday 12:00-2:00 p.m. Bring your lunch. We'll provide dessert and coffee. Come to the Shoemaker Building, Room 2201.

Sexual Harrassment

A revision of the 1980 statement on sexual harrassment has recently been issued by Chancellor Slaughter. The new statement, entitled *Campus Policy and Procedures on Sexual Harrassment*, may be obtained by calling the Human Relations Office, X4707.

Shuttle-UM

Shuttle-UM offers commuter transit, night campus security transportation, charter service, and special service for disabled students. Commuter and evening schedules are available at the Stamp Union Information Desk, the Office of Commuter Affairs, and at the Shuttle-UM Office in Lot 7. For information, disabled transit scheduling, or chartering call 454-2255 (X CALL).

Skills for Success Workshops

The Counseling Center offers a skill-building workshop series entitled SKILLS FOR SUCCESS. The SKILLS FOR SUCCESS workshops are designed to help you more effectively meet the demands of your academic work, your career, and your personal relationships. The wide range of topics includes such things as **assertiveness training, career exploration and planning, study skills, time management, stress management, communication skills, and exam skills.**

The Counseling Center also offers a number of support and counseling groups for adult children of alcoholics, groups for individuals with eating problems, and groups for individuals with interpersonal problems. In addition, individual counseling is offered to deal with vocational, educational, emotional, social and marital concerns.

If you are interested in any of these programs, please stop by the Counseling Center in Shoemaker Building for program schedules and descriptions. Our receptionists will gladly assist you in registering for the program of your choice. Call 454-2931.

Smoking Policy

Effective with the Spring 1986 semester, a campus wide smoking policy went into effect. The policy of the College Park campus is to achieve a public environment as close to smoke-free as practicably possible.

The campus smoking policy is comprised of the following guidelines:

Smoking is prohibited in indoor locations where smokers and non-smokers occupy the same area. This includes academic areas such as: classrooms, lecture halls, laboratories, and libraries. Other no smoking areas include: conference rooms, indoor athletic facilities, theatres, retail stores, health facilities, and common/public areas such as: stairwells, elevators, lobbies, hallways, reception areas, and restrooms.

As a general rule, preferential consideration shall be given to non-smokers whenever it is clear that they are being exposed involuntarily to smoke. This policy relies on the thoughtfulness, consideration, and cooperation of smokers and non-smokers for its success. It is the responsibility of all members of the campus community to observe the Smoking Policy and Guidelines, and to direct those who choose to smoke to designated 'Smoking Permitted' areas.

Student Employment Center

The Student Employment Center is a centralized service for undergraduate students seeking on-campus employment within the Department of Resident Life. The SEC maintains job descriptions of all the positions for which the Department is recruiting and hiring. Positions include but are not limited to: desk receptionist, Resident Assistants, security staff, pest control crew, and building and grounds maintenance. We process completed applications for all student positions in the Department. The SEC provides a free service to all undergraduate students at the University of Maryland.

The Student Employment Center is located in Room 0117 of Cumberland Hall. Hours are: Monday-Friday 8:30 to 4:30. Telephone: 454-5111.

Study Abroad

Advising is available on study, travel, and work abroad opportunities. Listed below are study programs sponsored by the University of Maryland. If you do not see a program that interests you, advisors can refer you to numerous other programs sponsored by U.S. and foreign institutions.

Study in London — The curriculum consists of courses in the Humanities, Business and the Social Sciences which focus on Britain. Students are housed with families or in flats to increase their immersion in British life.

Study in Israel — Offers a semester of study in Israel for the Spring Semester. The program includes a four-day orientation in Tel Aviv and Jerusalem, a kibbutz stay and an intensive Hebrew language course. Students then attend Tel Aviv University where they take courses taught in English that focus on Israeli and Middle East studies.

Study in China — Offers intensive Chinese language at the beginning to advanced levels during a spring semester in Beijing.

Study in Denmark — The curriculum offers courses in English focusing on contemporary Europe. Students housed with families or in dorms.

Study in Brazil — Offers courses in Portuguese at the Pontifical Catholic University of Rio de Janeiro.

Summer programs — For 1989 the following will be offered: German language in Kassel, West Germany, architecture in Turkey, and historic preservation in Northern England.

Maryland Exchanges — There are exchanges with schools in England, Japan, Austria and Germany. All require at least 2 years of appropriate language study and a 3.0 GPA.

FOR INFORMATION, CONTACT: Study Abroad Office, 1113 Mitchell Building, 454-8645.

TEL-UM INFO — A Phone Service of Free Information

QUESTIONS ABOUT UM?

. . . Call TEL-UM for the answers to the most commonly asked questions. Easily accessible information and referral to the appropriate person or office for follow-up.

Local 454-INFO / In Maryland — YOU MUST DIAL (800) then 492-0703 for access / Outside Maryland (301) 454-INFO

CALLING PROCEDURE:

- Select the tape number from the listing which you want to hear.
- Dial the appropriate phone number.
- An operator will answer and ask which tape you wish to hear.
- State the tape number to the TEL-UM operator.
- Listen to the tape.
- If you wish to hear another tape, hang up and dial again.

HOURS OF OPERATION

TEL-UM INFO is available seven days a week, excluding holidays, according to the following schedule:

Monday-Saturday 8:00 a.m.-12:00 midnight
Sunday 12:00 noon-12:00 midnight

ADMISSIONS
1. Application process (Undergraduate students)
400. Application process (Graduate students)
2. Application for Summer Session
3. Transfer of Academic Credit
151. Transfer from MD Community Colleges

ORIENTATION PROGRAM FOR NEW STUDENTS
4. Maryland Preview — Orientation Service for Freshmen, Transfers and Parents of New Students
5. Maryland Preview — Orientation Application Procedures
6. Maryland Preview — Changing Your Orientation Date
7. Advisement and Registration Procedures for Students Unable to Attend Orientation Programs
8. Tours of Campus
9. Campus Activities/Events Available to New Students Prior to Enrollment
10. Campus Size — A Help or a Hindrance?
130. Orientation Advisor Position
520. "First Look"

FINANCES
11. Student Fees (Undergraduate Students)
401. Student Fees (Graduate Students)
12. Student Fee Refunds
13. Financial Aid (Undergraduate Students)
402. Financial Aid (Graduate Students)
14. Establishing In-State Residency for Fee Purposes
15. Banking
606. Office of the Bursar/General Information

HOUSING
16. On-Campus Housing — Resident Life Services and Programs
17. On-Campus Housing — Maryland Residents
18. On-Campus Housing — Non-Maryland Residents
19. On-Campus Housing — Overflow
20. Off-Campus Housing — Fraternity and Sorority Boarding
403. Graduate Student Housing
21. Off-Campus Housing Service
22. Off-Campus Housing — Signing a Lease
23. Temporary Housing

FOOD ON CAMPUS
24. Eating on Campus
25. Board Plan Options
26. Special Board Options (Kosher, Vegetarian)

REGISTRATIONS
27. Early Registration
28. Registration during Orientation
29. Armory Registration
30. Changes in Registration (Drop/Add, Cancellation)
79. Student ID Cards
99. Transcript Requests

ACADEMIC SKILLS AND ISSUES
31. Academic Advising
32. Grading and Retention
80. Alternative Grading Options
107. Receiving a Grade of "Incomplete"
84. Academic Probation and Dismissal
83. Withdrawing from/Returning to the University
33. Choosing a Major
34. Changing a Major, College, Division
35. Credit by Examination
81. Honors Program
3. Transfer of Academic Credit
36. Taking Notes
37. Speed Reading
38. When, Where and What to Study
39. Test Anxiety
40. Tutoring Services
41. Reading and Study Skills Laboratory
82. Academic Dishonesty (Cheating, Plagiarism)
123. Academic Dishonesty II (for Faculty and Staff)
42. Special Requirements, College of Business and Management
43. Special Requirements, School of Architecture
44. Special Requirements, College of Engineering
109. Internships and Volunteer Service
121. Cooperative Education (Co-op)
44. On-Campus Opportunities in the Arts
46. Studying Abroad
47. Pre-Professional Programs and Advising
48. Library Facilities
99. Transcript Requests
112. Graduate Entrance Examinations
122. ROTC
500. Advising in Academic Divisions & Departments

ACTIVITIES/INVOLVEMENT/ OPPORTUNITIES
110. Swim Facilities
50. Intramural Sports
51. On-Campus Leisure Opportunities
52. Fraternities and Sororities
53. Opportunities in the Arts
54. Intercollegiate Sports
85. Craft Shop (Student Union)
86. Recreation Center (Student Union)
87. Space Reservations (On-Campus)
88. Ticketron Service
96. Camping Equipment
55. Joining a Student Group
113. Resource Center for Student Organizations
89. Leadership Development Planning Team
90. Leadership Development Course
91. Leadership Workshops (Advanced)
98. Student Government
95. Alumni Association
114. Parent Association

CAREER ISSUES
92. Resume Preparation
93. Preparation for Employment Interviews
94. Establishing a Placement File (Credentials)
58. Career Development Services
601. Summer Jobs
602. Strategies for Researching the Hidden Job Market

STUDENT SERVICES
1. Admissions
15. Banks
56. Bookstore
57. Campus Activities
58. Career Development Services
116. Chapel Facilities
59. Child-Care Alternatives
60. Commuter Affairs
62. Counseling Center
63. Disabled Student Services
109, 121. Experiential Learning Center
118. Foreign Student Services
64. Health Center
65. HELP Center (Student Crisis Intervention Center)
117. Intensive Educational Development Office
115. Job Referral Service
97. Judicial Programs Office
66. Minority Support Systems
21. Off-Campus Housing
4. Orientation
41. Reading and Study Skills Laboratory
67. Religious Services
16. Resident Life
68. Returning Studens
13. Student Aid Office
69. Student Union
70. Veterans
119. Women's Programs and Services
49. Jewish Student Center
500. Advising in Academic Departments
600. Human Relations Office
603. Campus Mediation Service
604. Who was Adele H. Stamp?
607. Student Entertainment Enterprises Information Line

INTERPERSONAL
300. When Should I Seek Outside Help for Personal Problems?
301. Re-examining My Values
302. Coping with Shyness
303. Anxiety and Possible Ways to Cope With It
304. How to Deal with Loneliness
305. How to Handle Fears
306. Coping with Stress
307. The Female Sex Role — Changes and Stresses
308. The Male Sex Role — Changes and Stresses
309. Death and Dying
310. Understanding Grief
311. Helping a Friend
312. Early Signs of an Alcohol Problem
313. Responsible Decisions About Drinking
314. How to Deal With Depression
315. Becoming Independent from Parents
316. Suicidal Crisis

SECURITY
71. Protecting Yourself and Your Property
100. Personal Property Insurance

HEALTH
101, 312, 313. Alcohol
102. Drugs
103. Pregnancy Evaluation
111. Men's Clinic
104. Women's Health Clinic
105. Student Health Insurance
64. Health Center
61. Community Health Resources.
605. Adult Health and Development Program

STUDENT RIGHTS AND RESPONSIBILITIES
106. Students Rights and Responsibilities
82. Academic Dishonesty (Cheating, Plagiarism)
97. Judicial Programs Office
108. Legal Aid Office
120. Parking Ticket Appeals Process
600. Human Relations Office
603. Campus Mediation Service

TRANSPORTATION
72. Transportation Alternatives
73. Public Transportation
74. Car-pooling
75. Registering Your Car
120. Parking Tickets Appeals Process
76. Bicycles, Mopeds & Motorcycles
77. Parking
78. Shuttle-UM

COURSES
201. Afro-American Studies Program
202. ASTR 100 Introduction to Astronomy
203. BOTN 100 General Botany (Non-Science Majors)
204. BOTN 101 General Botany
205. CHEM 101 Introduction to College Chemistry
206. CHEM 203 College Chemistry I
207. THET 110 Introduction to the Theater
208. EDCP 108 College Aims (Reading & Study Skills, Career Planning, Survival Techniques, Returning Women)
209. ENGL 101 Freshman English, 101A, 101X
210. ENTM 100 Insects
211. GVPT 170 American Government
212. HIST 156 History of U.S. to 1865
213. HIST 157 History of U.S. (1865-1976)
214. JOUR 100 Introduction to Mass Communication
215. LENF 100 Introduction to Law Enforcement
225. MATH 001 Review of High School Algebra
216. MATH 110 Introduction to Mathematics I
217. MATH 115 Pre-Calculus I
218. MATH 140 Calculus I
219. Music Courses for Non-Music Majors
220. PSYC 100 Introduction to Psychology
221. Physical Education Courses
222. SPCH 100 Introduction to Speech
223. SOCY 100 Introduction to Sociology
224. ZOOL 101 General Zoology

Transcript Services

An unofficial transcript will be available with your early registration materials each semester. This copy is for your personal use and serves as a way for you to check the accuracy of the record. At other times unofficial transcripts are not available unless required for on-campus advisement purposes for currently enrolled students. They are available at Deans' offices on campus.

If you have need of record information for other purposes, please request an official transcript at the Records and Registrations Office, Mitchell Building. Official transcripts are generally processed within a week and on occasion, the same day. Request must be in writing. A transcript cannot be processed if an outstanding debt is owed to the University. Contact the Records and Registrations Office (x5559) if you have further questions.

Tutorial Services

FREE tutorial services are available to all UMCP students for most 100- and 200-level courses. Students will be tutored by highly skilled, selectively chosen graduate and undergraduate students. To request tutoring, go to the office of Special Student Support Services, Room 0112 Chemistry Building. You will be assigned a tutor at that time, or shortly thereafter. It is advisable to submit requests for tutoring **early** in the semester.

Students interested in becoming tutors should call 454-5648, or go to Room 0112 Chemistry Bldg. to pick up an application and to obtain further information.

Our office also maintains an extensive collection of past exams and quizzes for courses in chemistry, math, and various other subjects, which students may request, copy and return. To request past examination papers, go to Room 0112 Chemistry Bldg. You must present a valid University ID before receiving any past exam papers.

UMaps

"Find Yourself" at UMCP. UMaps highlight campus opportunities by helping you to identify courses, clubs, activities, internships, and employment related to your particular areas of interest. Look for UMaps posted around campus, and pick up your personal copies at the Office of Commuter Affairs, 1195 Stamp Student Union, 454-3645.

University Policy on Disclosure of Student Records (Buckley Amendment)

The University of Maryland adheres to a policy of compliance with the Family Educational Rights and Privacy Act (Buckley Amendment). With certain limitations, this Act requires and it is the policy of the University:

(1) To permit students to inspect their education records
(2) To limit disclosure to others of personally identifiable information from education records without student's prior written consent
(3) To provide students the opportunity to seek correction of their education records where appropriate.

Prior consent will not be required for disclosure of educational records to school officials of the University of Maryland who have been determined to have legitimate educational interests.

Certain information has been designated "Directory Information" and will be disclosed without prior consent unless a student files written notice. Directory information consists of:

Name
Address
Telephone Listing
Date and Place of Birth
Photograph
Major Field of Study
Participation in Officially Recognized Activities and Sports
Weight and Height of Members of Athletic Teams
Dates of Attendance
Degrees and Awards Received
Most Recent Previous Educational Institution Attended

Students who wish to limit the disclosure of Directory information or wish access to their official records should obtain the appropriate form at the Registrations Counter, Mitchell Building, and return the completed form to the Registrations Counter. **Requests to limit disclosure of Directory information must be made within 3 weeks from the first day of the semester in which the student begins each school year. Such requests must be filed annually within the above allotted time.**

Students alleging University noncompliance with the Family Educational Rights and Privacy Act may file a written complaint with the Family Educational Rights and Privacy Office, United States Department of Education, 330 Independence Avenue, S.W., Washington, D.C. 20201.

For complete University policy on access to and release of student data information, see the current edition of the *Undergraduate Catalog*.

Veterans Benefits

Students attending the University under the Veteran's Education Assistance Act may receive assistant and enrollment certification at the Veterans Certification Office in Records and Registrations on the 1st floor of the Mitchell Building. The Staff is available to assist regarding monthly educational assistance checks as well as other benefits such as tutoring assistance and vocational rehabilitation services. Telephone 454-4555.

It is the responsibility of veterans and dependents receiving VA benefits to notify the Veterans Certification Office of every change of course or program. The following types of changes must be reported: credit level or grading option change, change of major, change of address, graduation, academic dismissal or reinstatement actions, and intent to transfer from the College Park Campus. The University Veterans Office is required to notify the U.S. Veterans Administration Office of the above changes to prevent delays in receipt of benefits.

Academic and Advisement Information

College Organizational Chart

COLLEGE OF AGRICULTURE
- DEPARTMENT OF:
  - AGRICULTURAL ENGINEERING
  - AGRICULTURAL AND EXTENSION EDUCATION
  - AGRICULTURAL AND RESOURCE ECONOMICS
  - AGRONOMY
  - ANIMAL SCIENCES
  - HORTICULTURE
  - POULTRY SCIENCE
- INSTITUTE OF APPLIED AGRICULTURE
- PROGRAMS/CURRICULUM:
  - AGRICULTURAL CHEMISTRY
  - FOOD SCIENCE
  - GENERAL AGRICULTURE
  - NATURAL RESOURCES MANAGEMENT
  - UNDECIDED

VIRGINIA-MARYLAND REGIONAL COLLEGE OF VETERINARY MEDICINE — MARYLAND CAMPUS

SCHOOL OF ARCHITECTURE
- ARCHITECTURE AND ENGINEERING PERFORMANCF INFORMATION CENTER
- CENTER FOR ARCHITECTURAL DESIGN AND RESEARCH
- PROGRAMS/CURRICULUM:
  - ARCHITECTURAL HISTORY
  - DESIGN
  - PRESERVATION
  - TECHNOLOGY

COLLEGE OF ARTS AND HUMANITIES
- DEPARTMENT OF:
  - AMERICAN STUDIES
  - ART
  - CLASSICS
  - COMMUNICATION ARTS AND THEATRE
  - DANCE
  - ENGLISH
  - FRENCH AND ITALIAN LANGUAGES AND LITERATURES
  - GERMANIC AND SLAVIC LANGUAGES AND LITERATURES
  - HEBREW AND EAST ASIAN LANGUAGES AND LITERATURES
  - HISTORY
  - HOUSING & DESIGN
  - MUSIC
  - PHILOSOPHY
  - SPANISH AND PORTUGUESE LANGUAGES AND LITERATURES
- PROGRAMS:
  - COMPARATIVE LITERATURE
  - JEWISH STUDIES
  - LINGUISTICS
  - ROMANCE LANGUAGES
  - RUSSIAN AREA STUDIES
  - WOMEN'S STUDIES
- CENTERS:
  - ARCHAEOLOGY
  - RENAISSANCE AND BAROQUE STUDIES
  - LANGUAGE MEDIA CENTER
  - MARYLAND ENGLISH INSTITUTE

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES
- CENTER FOR MINORITIES
- DEPARTMENT OF:
  - ANTHROPOLOGY
  - ECONOMICS
  - GEOGRAPHY
  - GOVERNMENT AND POLITICS
  - HEARING AND SPEECH SCIENCES
  - PSYCHOLOGY
  - SOCIOLOGY
- INSTITUTE OF CRIMINAL JUSTICE AND CRIMINOLOGY
- INSTITUTE FOR PHILOSOPHY AND PUBLIC POLICY
- INSTITUTE FOR URBAN STUDIES
- AFRO-AMERICAN STUDIES PROGRAM
- CENTER FOR INTERNATIONAL DEVELOPMENT
- INDUSTRIAL RELATIONS AND LABOR STUDIES CENTER
- MARYLAND PROJECT FOR WOMEN AND POLITICS
- SURVEY RESEARCH CENTER
- BUREAU OF BUSINESS AND ECONOMIC RESEARCH
- COMPUTER LABORATORY

COLLEGE OF BUSINESS AND MANAGEMENT
- CENTER FOR BUSINESS AND PUBLIC POLICY
- CENTER FOR INNOVATION
- CENTER FOR MANAGEMENT DEVELOPMENT
- CENTER FOR PRODUCTIVITY AND QUALITY OF WORKING LIFE
- SMALL BUSINESS DEVELOPMENT CENTER
- PROGRAMS/CURRICULUM:
  - ACCOUNTING
  - BUSINESS & MANAGEMENT — GENERAL
  - DECISION AND INFORMATION SCIENCES
  - FINANCE
  - MANAGEMENT SCIENCE
  - MARKETING
  - PERSONNEL & LABOR RELATIONS
  - PRODUCTION MANAGEMENT
  - TRANSPORTATION & STATISTICS

COLLEGE OF COMPUTER, MATHEMATICAL, AND PHYSICAL SCIENCES
- DEPARTMENT OF:
  - COMPUTER SCIENCE
  - GEOLOGY
  - MATHEMATICS
  - METEOROLOGY
  - PHYSICS AND ASTRONOMY
- CENTER FOR AUTOMATION RESEARCH
- INSTITUTE FOR ADVANCED COMPUTER STUDIES
- INSTITUTE FOR PHYSICAL SCIENCE AND TECHNOLOGY
- LABORATORY FOR PLASMA AND FUSION ENERGY STUDIES

COLLEGE OF EDUCATION
- DEPARTMENT OF:
  - COUNSELING AND PERSONNEL SERVICES
  - CURRICULUM AND INSTRUCTION
  - EDUCATION POLICY, PLANNING AND ADMINISTRATION
  - HUMAN DEVELOPMENT
  - INDUSTRIAL, TECHNOLOGICAL AND OCCUPATIONAL EDUCATION
  - MEASUREMENT STATISTICS AND EVALUATION
  - SPECIAL EDUCATION
- CURRICULUM LABORATORY
- CENTER FOR EDUCATIONAL RESEARCH AND DEVELOPMENT
- EDUCATIONAL TECHNOLOGY CENTER
- CENTER FOR YOUNG CHILDREN
- OFFICE OF LABORATORY EXPERIENCES

COLLEGE OF ENGINEERING
- DEPARTMENT OF:
  - AEROSPACE ENGINEERING
  - AGRICULTURAL ENGINEERING (See also College of Agriculture)
  - CHEMICAL AND NUCLEAR ENGINEERING
  - CIVIL ENGINEERING
  - ELECTRICAL ENGINEERING
  - FIRE PROTECTION ENGINEERING
  - MECHANICAL ENGINEERING
- CENTER FOR MINORITIES IN SCIENCE & ENGINEERING
- COOPERATIVE EDUCATION
- ENGINEERING RESEARCH CENTER
- INSTRUCTIONAL TELEVISION
- SYSTEMS RESEARCH CENTER

COLLEGE OF HUMAN ECOLOGY
- DEPARTMENT OF:
  - FAMILY AND COMMUNITY DEVELOPMENT
  - HUMAN NUTRITION AND FOOD SYSTEMS
  - TEXTILES AND CONSUMER ECONOMICS
  - UNDECIDED

COLLEGE OF JOURNALISM
- CENTER FOR RESEARCH IN PUBLIC COMMUNICATION
- COLLEGE OF JOURNALISM
- ADVERTISING
- BROADCAST NEWS
- NEWS EDITORIAL
  - — NEWS
  - — MAGAZINE
  - — PHOTOJOURNALISM
  - — SCIENCE COMMUNICATION
- PUBLIC RELATIONS

COLLEGE OF LIBRARY AND INFORMATION SERVICES

COLLEGE OF LIFE SCIENCES
- DEPARTMENT OF
  - BOTANY
  - CHEMISTRY AND BIOCHEMISTRY
  - ENTOMOLOGY
  - MICROBIOLOGY
  - ZOOLOGY
- MARINE AND ESTUARINE ENVIRONMENTAL STUDIES PROGRAM
- WATER RESOURCES RESEARCH CENTER
- PROGRAMS/CURRICULUM:
  - GENERAL BIOLOGICAL SCIENCES
  - UNDECIDED

COLLEGE OF PHYSICAL EDUCATION, RECREATION, AND HEALTH
- DEPARTMENT OF:
  - HEALTH EDUCATION
  - PHYSICAL EDUCATION
  - RECREATION
- CENTER ON AGING

SCHOOL OF PUBLIC AFFAIRS
BUREAU OF GOVERNMENTAL RESEARCH
- INSTITUTE FOR PHILOSOPHY & PUBLIC POLICY
- CENTER FOR INTERNATIONAL SECURITY STUDIES

UNDERGRADUATE STUDIES
- GENERAL HONORS PROGRAM
- GENERAL STUDIES PROGRAM (CLOSED)
- INDIVIDUAL STUDIES PROGRAM
- ALLIED HEALTH PROFESSIONS
- PRE-DENTISTRY
- PRE-MEDICAL
- PRE-LAW
- EXPERIENTIAL LEARNING PROGRAMS
- UNDERGRADUATE ADVISING CENTER
- CAREER DEVELOPMENT CENTER
- SPECIAL STUDENT SUPPORT SERVICES
- INTENSIVE EDUCATIONAL DEVELOPMENT PROGRAM
- UPWARD BOUND
- RETENTION OFFICE
- TALENT SEARCH

College Locations and Deans

College	*Location*	*Dean*	*Office*	*Phone*
Agriculture	1114 Symons Hall	Dr. Raymond J. Miller	1114 Symons	X6332
Architecture	1298 Architecture	Prof. John A. Steffian	1212 Architecture	X3427
Arts & Humanities	1111 Francis Scott Key	Dr. James H. Lesher (Acting)	1101 Francis Scott Key	X6790
Behavioral & Social Sciences	2115 Tydings Hall	Dr. Murray E. Polakoff	2141 Tydings	X2301
Business & Management	2136 Tydings Hall	Dr. Rudolph P. Lamone	3140 Tydings	X5383
Computer, Mathematical & Physical Sciences	2300 Math Bldg.	Dr. J. Robert Dorfman	2300 Math Bldg.	X4906
Education	1210 Harold R. Benjamin (Education Bldg.)	Dr. Dale P. Scannell	3119 Harold R. Benjamin (Education Bldg.)	X2013
Engineering	1131 Engineering Classroom Bldg.	Dr. George E. Dieter	1137 Engineering Classroom Bldg.	X2421
Graduate School	2nd floor, Lee Bldg.	Dr. Jacob Goldhaber	2133F Lee Bldg.	X4791
Human Ecology	1100 Marie Mount Hall	Dr. Laura Sims	1100 Marie Mount Hall	X2136
Journalism	1117 Journalism Bldg.	Prof. Reese Cleghorn	2105 Journalism Bldg.	X2228
Library & Information Services	4105 Hornbake Library	Dr. Claude E. Walston	4105E Hornbake Library	X5441
Life Sciences	1114 Symons Hall	Dr. Raymond J. Miller	1114 Symons Hall	X6332
Physical Education, Recreation & Health	3310 Physical Education, Recreation & Health Bldg.	Dr. John J. Burt	3310H PERH Bldg.	X5616
Public Affairs	2105 Morrill Hall	Dr. Michael Nacht	2105 Morrill Hall	X6193
Undergraduate Studies	1115 Hornbake Library	Dr. Kathryn Mohrman	1115 Hornbake Library	X6231

Course Numbering System (All Students)

UNDERGRADUATE — eligible to register for courses numbered 000-499.

GRADUATE — eligible to register for courses numbered 400-899.

Course Numbering System

Number	Eligibility
000-099	Non-credit course
100-199	Primarily freshman course
200-299	Primarily sophomore course
300-399	Junior, senior course not acceptable for credit toward graduate degrees
400-499	Junior, senior course acceptable for credit toward some graduate degrees
500-599	Professional School course (Dentistry, Law, Medicine) or post-baccalaureate course
600-899	Course restricted to graduate students
799	Masters Thesis credit
899	Doctoral dissertation credit
	NOTE: Courses with last digit of 8 or 9 can be repeated for additional credit

Graduate Student Academic Information

See pages 7 and 8 for Graduate Student Registration Procedures

Advisement: Graduate students registering for courses must have the approval of their program advisors in order to make certain that the minimum Graduate School and program requirements are being satisfied. See page 8 for specific advising procedures required by your program.

Full Time Status: Effective August 1973, official status (either full-time or part-time) for academic purposes will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes.

To be certified as a full-time student a graduate student must be officially registered for a combination of courses equivalent to 48 units per semester. Graduate assistants holding regular appointments are full-time students if they are registered for at least 24 units in addition to the assistantship. Courses taken for Audit do not generate graduate units and cannot be used in calculating full-time or part-time status.

Table for Computing Graduate Units

Course Number	Graduate Unit
000-399	2 units per credit hour
400-499	4 units per credit hour
500-599	5 units per credit hour
600-898	6 units per credit hour
799	12 units per credit hour
899	18 units per credit hour

Program Changes: Graduate students wishing to change programs or degree objectives must submit a new application to the Graduate School. Current deadlines for new applications apply.

Pass-Fail: Graduate students are not eligible for the Pass-Fail grading option for courses numbered 400 and above.

Undergraduate Academic Information

Advising (Undergraduate Students)

Academic advising is an essential part of an undergraduate's educational experience at the University of Maryland. It is available to all students at College Park, but it is the responsibility of the student to make arrangements for advising with the appropriate person. Students are encouraged to use the many advisement opportunities available.

NOTE: For the following groups advising is mandatory:

Newly admitted freshman and transfer students, concurrent enrollment students, students on academic warning, students seeking reinstatement after dismissal or withdrawal, students nearing senior status, students not meeting fundamental studies requirements, student athletes, and students in certain majors and colleges.

Students in pre-majors: see advisor lists below.

Undergraduate advisors, their room numbers and telephone extensions are listed below. Students who are unable to locate an advisor, or who have questions about campus advising programs should visit or call the Undergraduate Advising Center, Room 1117, Hornbake Library, 454-2733.

Academic Advisors

	Advisors	Room	Ext.
COLLEGE OF AGRICULTURE			
General Information			
Dr. Raymond Miller, Dean		SYM-1114	6332
Dr. Glenn W. Patterson, Acting Associate Dean		SYM-1122	3708
Dr. Albert J. Klavon, Assistant Dean		SYM-1224	5257
Dr. Amel Anderson, Assistant Dean		SYM-1224	5257
Dr. Ronald J. Sebiel, Assistant Dean		JUL-2123	3938
AGRICULTURAL CHEMISTRY	Keeney, M.	CHM-2500	4417
AGRICULTURAL & RESOURCE ECONOMICS	Hardie, I. W. (Coord.)	SYM-2212B	3728
	Leathers, H. D.	SYM-2218	1485
	Lessley, B. V.	SYM-2213	5762
AGRICULTURAL ENGINEERING	Shirmuhammadi, A.	SHR-1108	3901
	Stewart, L. E.	SHR-1130	3901
AGRICULTURAL & EXTENSION EDUCATION	Cooper, E. L.	SYM-0102	3738
AGRONOMY			
Crops	McIntosh, M.	HJP-0111	3717
Soils	Weil, R. R.	HJP-1103	4787
Turf & Urban Agronony	Welterlen, M. S.	HJP-1114	3716
Conservation — Soil, Water and Environment	Weil, R. R.	HJP-1103	4787
ANIMAL SCIENCE			
Coordinator	DeBarthe, J. V.	ANS-1103	4642
Dairy/Livestock	DeBarthe, J. V.	ANS-1103	4642
Poultry	Doerr, J. A.	ANS-3129A	5060
COMBINED DEGREE CURRICULUM — COLLEGE OF AGRICULTURE + VETERINARY MEDICINE + PRE-VETERINARY PROGRAM	Bradley, L. D.	ASA-1316	4631
	Ingling, A. L.	ASA-1316	4631
NATURAL RESOURCES MANAGEMENT	Gibson, G. R. (Coord.)	SYM-0218	3738
FOOD SCIENCE	Wiley, R. C. (Coord.)	HZF-1122A	2829
	Schlimme, D. V.	HZF-1122B	6526
GENERAL	Grant, L. P.	SHR-0104	3901
HORTICULTURE			
Crop Production & Science			
(A-L)	McClurg, C. A.	HZF-1122C	3007
(L-R)	Gouin, F. R.	HZF-1111	3143
(S-Z)	Hershey, D. R.	HZF-1105A	2356
Landscape Design	Gould, W.	HZF-2107B	2759
UNDECIDED	Grant, L. P.	SHR-0104	3901
SCHOOL OF ARCHITECTURE			
General Information			
Stephen Sachs, Associate Dean		ARCH-1298	3427

Advisor assignments available in Room 1298, Architecture.
PRE-ARCHITECTURE — **Students admitted for Fall 1987 and later** — Your advising location is the College of Arts & Humanities, Rm. 1111, Francis Scott Key Hall.

COLLEGE OF ARTS AND HUMANITIES			
Dr. James H. Lesher, Acting Dean		KEY-1101	6796
College Advisor Undergraduates	Bondurant, D.	KEY-1111	2737
	Doyle, T.	KEY-1111	2737
General Information			
AMERICAN STUDIES PROGRAM	Mintz, L.	TLF-2116	4661
ART STUDIO	Forbes, J.	ASY-1M320	3431
ART HISTORY	Caswell, J. M.	ASY-4222	3431
CHINESE	Sargent, S.	JMZ-2106	5152
COMPARATIVE LITERATURE	Peterson, C.	JMZ-4223	2685
DANCE	Wiltz, A.	TEE	4056
ENGLISH	Herman, H.	TLF-1122	2521
FRENCH & ITALIAN	Barrabini, M.	JMZ-3106F	4303
GERMAN	Frederiksen, E.	JMZ-3211	4301
GREEK	Duffy, J.	JMZ-4211	2510
HEBREW	Manekin, C.	JMZ-2106	5152
HISTORY	Zilfi, M.	KEY-2116D	2843
HOUSING AND DESIGN			
Advertising Design	Roper, J.	MMH-1401	6325
	Gipps, T.	MMH-1401E	6267
	Thorpe, J.	MMH-2407E	5471
	Dean, S.	MMH-2407D	5498
Interior Design	Eckersley, M.	MMH-1401D	6268
	Kjaer, B.	MMH-2407F	5464
Housing	Bonta, J.	MMH-1401	2150
	Chen, A.	PKT-1105	6325
JAPANESE	Kerkham, E.	JMZ-2106	4307
LATIN	Duffy, J.	JMZ-2510	2510
LINGUISTICS	Lebeaux, D.	MIL-1113	7002
MUSIC	Cooper, J.	TWS-2110	2501
PHILOSOPHY	Pasch, A.	SKN-1119B	2850
RADIO, TELEVISION & FILM	Kirkley, D.	TWS-0207	2297
RUSSIAN AREA STUDIES	Lampe, J.	KEY-2129	4204
RUSSIAN LANGUAGE & LITERATURE	Berry, T.	JMZ-3215	4301
SPANISH & PORTUGUESE	Little, K.	JMZ-2215	4305
SPEECH COMMUNICATION	Dean, K.	TWS-1147	6211
THEATRE	O'Leary, R.	TWS-0234	6211
WOMEN'S STUDIES	Moses, C.	MIL-1135	3841
UNDECIDED MAJORS	Bondurant, D.	KEY-1111	2737

PRE-DESIGN AND PRE-RADIO, TELEVISION AND FILM — **Students admitted for Fall 1987 and later** — Your advising location is the College of Arts & Humanities.

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES			
Dr. Murray Polakoff, Dean		TYD-2141	5272
Dr. Stewart Edelstein, Associate Dean		TYD-2141	5272
Dr. Katherine Pedro Beardsley, Assistant Dean		TYD-2141	5272
Dr. Diana Ryder Jackson, Assistant Dean		TYD-2141	5272
Ms. Chris Witherspoon, Assistant to the Dean		TYD-2141	5272
Mr. Thomas S. Hiles, Director of Development		TYD-2141	5272
ADVISEMENT AND RECORDS			
Coordinator Advising & Records	Scholl, G.	TYD-2115	2301
Records	Villamizar, A.	TYD-2115	2301
Candidate Clearance	King, B.	TYD-2105	2301
College Academic Advisors	Dantzler, B.	TYD-2115	2301
	Marcks, L.	TYD-2115	2301
	Hillman, L.	TYD-2115	2301
	Hays, J.	TYD-2115	2301
Minority Center	Langa, M.	LEF-2101	4225
UNDERGRADUATE PROGRAMS			
AFRO-AMERICAN STUDIES PROGRAM	Gills, C.	LEF-2169	5665
ANTHROPOLOGY	Stuart, W.	WDS-1106	5354
CRIMINOLOGY, LAW ENFORCEMENT	Wellford, C.	LEF-2220	7970
ECONOMICS	Straszheim, M.	TYD-3115	5443
GEOGRAPHY	Cirrincione, J.	LEF-1113	2241
GOVERNMENT & POLITICS	Lanning, E.	LEF-2181F	6739
HEARING AND SPEECH SCIENCE	McCall, J.	LEF-0141H	2546
PSYCHOLOGY	Scholnick, E.	ZOP-1128	6691
SOCIOLOGY	Altman, B.	ASY-2108	5036
URBAN STUDIES	Williams, B.	LEF-1119	2242

UNDECIDED — See a college advisor.
PRE-ECONOMICS — **Students admitted for Fall 1987 and later** — Your advising location is the College of Behavioral and Social Sciences, Rm. 2141, Tydings Hall.

COLLEGE OF BUSINESS AND MANAGEMENT			
Dr. Rudolph P. Lamone, Dean			
Dr. Burt A. Leete, Associate Dean			
Dr. Judy S. Brown, Assistant Dean			
Dr. Lee E. Preston, Director, Ph.D. Program			
Ms. Mary Anne Waikart, Director, Masters Programs			
Ms. Loretta V. Saks, Assistant Director, Masters Programs			
Ms. Leslie Paddock-Coleman, MBA Placement Director			
Dr. J. G. Mattingly, Director of Undergraduate Studies			
Dr. Debra L. Stuart, Associate Director of Undergraduate Studies			
Ms. Bonnie Zager, Assistant Director of Undergraduate Studies			
Undergraduate Advisors	Foulke, L.	TYD-2136	4314
	Zak, M.	TYD-2136	4314
Records Office, Business	Posner, M.	TYD-2136	4314
	Pometto, J.	TYD-2136	4314
	Scalzo, A.	TYD-2136	4314
	Welsh, S.	TYD-2136	4314

PRE-BUSINESS — **Students admitted for Fall 1987 and later** — Your advising location is the Undergraduate Advising Center.

COLLEGE OF COMPUTER, MATHEMATICAL AND PHYSICAL SCIENCES

Dr. J. R. Dorfman, Dean		MTH-2300	4906
Undergraduate Academic Information			
Dr. Thelma M. Williams, Assistant Dean		MTH-2300	4596
Student Records	Williams, T.	MTH-2300	4596
	Coleman, R.	MTH-2300	4596
General Information			
ASTRONOMY	Matthews, T.	CSS-0223	5937
COMPUTER SCIENCE (special problems)	Austing, R.	CSS-2309B	2002
GEOLOGY	Chang, L.	GEO-1115	3548
	Stifel, P.	GEO-1115	3548
MATHEMATICS	Lipsman, R.	MTH-1117	2746
PHYSICS	Crabill, J.	PHY-1120	3501
PHYSICAL SCIENCES	Williams, T.	MTH-2300	4596

PRE-COMPUTER SCIENCE AND PRE-ENGINEERING — Your advising location is Rm. 2300, Math Bldg.

COLLEGE OF EDUCATION

General Information			
Dr. Dale Scannell, Dean		EDU-3119	2013
Graduate Student Services	Campbell, E.G.	EDU-1205	3745
Undergraduate Student Services	Lewis, A.	EDU-1210	2017
EDUCATION POLICY, PLANNING AND ADMINISTRATION	Warren, D.	EDU-3112B	5424
Administration and Supervision	Dudley, J.	EDU-3112A	5766
Curriculum and Theory Development	Selden, S.	EDU-0109C	5766
Educational Communications	Splaine, J.	EDU-2215	5766
Educational Policy	Huden, D.	EDU-2110D	5776
Higher and Adult Education	Carbone, R.	EDU-3112C	5766
Social Foundations	Lindsay, R.	EDU-0101C	5766
COUNSELING & PERSONNEL SERVICES	Hershenson, D.	EDU-3214A2	2026
School Psychology	Pumroy, D.	EDU-3214B	2026
	Teglasi, H.	EDU-3234A	2026
	Strein, W.	EDU-3234B	2026
School Counseling	Greenberg, K.	EDU-3222	2026
	Rhoads, D.	EDU-3234C	2026
Community Counseling	Schlossberg, N.	EDU-3228	2026
	Spokane, A.	EDU-3214A	2026
	Schlossberg, N.	EDU-3228	2026
College Student Personnel		EDU-3218	2026
Counseling Psychology	Birk, J.	EDU-3216	2026
	Hoffman, M.	EDU-3234E	2026
Rehabilitation Counseling	Power, P.	EDU-3208	2026
	Lawrence, R.	EDU-3234F	2026
Counseling & Consultation	Hershenson, D.	EDU-3214C	2026
CURRICULUM AND INSTRUCTION	Arends, R	EDU-2311B	7346
Early Childhood	Amershek, K	EDU-2207B	7429
	Church, M.	EDU-1229	2341
	Fein, G.	EDU-0311F	3409
	Saracho, O.	EDU-1117	2120
Elementary Education	Eley, G.	EDU-2219	5712
	Herman, W.	EDU-2227	5448
	Jantz, R.	EDU-2229	5480
	Johnson, M.	EDU-2209	4941
	Roderick, J.	EDU-2231	5343
	Sublett, H.	EDU-2211	5934
	Weaver, P.	EDU-2233	4762
	Williams, D.	EDU-2219	5712
Secondary Education			
Art	Craig, R.	EDU-2304C	6288
	McWhinnie, H.	EDU-2304C	6288
English/Speech	McCaleb, J.	EDU-2304J	6290
	Slater, W.	EDU-2311J	6290
Foreign Language	DeLorenzo, W.	EDU-2304G	6416
	Markham, P.	EDU-2223	5590
Library Science	Williams, H.	HBK-4121J	6068
Math	Campbell, P.	EDU-2304F	7346
	Davidson, N.	EDU-2207A	2762
	Henkelman, J.	EDU-2223	5590
Music	Folstrom, R.	TWS-3141	2501
Physical Education	Young, J.	PRH-2338	3072
Reading	Brigham, B.	EDU-1117	2120
	Davey, B.	EDU-2304K	6417
	Dreher, J.	EDU-1117	2120
	Gambrell, L.	EDU-1117	2120
	Garner, R.	EDU-1117	2120
	Wilson, R.	EDU-1117	2120
Science	Holliday	EDU-0231	2024
	Layman, J.	EDU-0211	2024
	Lockard, D.	EDU-0211	2024
Social Studies	Cirrincione, J.	EDU-2227	5448
	Farrell, R.	EDU-2227	5448
INDUSTRIAL, TECHNOLOGICAL AND OCCUPATIONAL EDUCATION	Maley, D.	JMP-3216	5692
Industrial Arts	Beatty, C.	JMP-3216J	4264
	Leutkemeyer, J.	JMP-3216G	4264
Industrial Technology	Elkins, R.	JMP-2210	4264
	Hunter, A.	JMP-3216	4264
	Mietus, W.	JMP-3216P	4264
	Sullivan, D.	JMP-3216	4264
Vocational Education	Maley, D.	JMP-3216	5692
	Stough, K.	JMP-3216B	4264
Business Education	Peters, R.	JMP-2210C	4264
	Spear, M.	JMP-3216	4264
Distributive Education	Anderson, C. R.	EDU-3119	4566
Home Economics Education	Hultgren, F.	JMP-2210	4264
	Inana, M.	JMP-2210B	4264
HUMAN DEVELOPMENT, INSTITUTE FOR CHILD STUDY	Bennett, S.	EDU-3304	2034
	Tyler, B.	EDU-3304	2034
MEASUREMENT, STATISTICS AND EVALUATION	Lissitz, R.	EDU-4101	3413
SPECIAL EDUCATION	Angeletti, K.	EDU-1235	2118
	Beckman, P.	EDU-1311E	2118
	Burke, P.	EDU-1308	4704
	Cooper, D.	EDU-1308	2118
	Egel, A.	EDU-1311G	2118
	Graham, S.	EDU-1311F	2118
	Harris, K.	EDU-1308	2118
	Hebeler, J.	EDU-1308	2118
	Kohl, F.	EDU-1311C	2118
	Leone, P.	EDU-1311B	2118
	Malouf, D.	EDU-1220	2118
	Noel, M.	EDU-2304	2118
	Ogle, P.	EDU-1235	2118
	Seidman, E.	EDU-1311A	2118
	Simms, B.	EDU-1311D	2118
	Speece, D.	EDU-1308	2118

PRE-EDUCATION — Go to Room 1210 Education Building for advising assignment and information.

COLLEGE OF ENGINEERING

General Information			
Dr. George Dieter, Dean		EGR-1137	6347
James Newton, Acting Assistant Dean		EGR-1131	2421
Counselors	Berman, J.	EGR-1131	2421
Center for Minorities in Science and Engineering	Gahn, S.	EGR-1131	2421
Rosemary Parker, Acting Director		EGR-1134	7219
Alem Asres, Acting Assistant Director		EGR-1134	7219
AEROSPACE	Barlow, J.	WTU-2102	2413
AGRICULTURAL	Stewart, L.	SHR-1130C	3901
CHEMICAL	Regan, T.	CHE-2139	7898
CIVIL	Garber, D.	EGR-1163	2225
ELECTRICAL	Pugsley, J.	EGR-3186	4172
FIRE PROTECTION	Bryan, J.	EGR-0147	2424
MECHANICAL	Walston, W.	EGR-2188	2409
NUCLEAR	Munno, F.	CHE-2309A	2430
Engineering Co-op Program	Sauber, H.	EGR-1137B	5191

PRE-ENGINEERING — **Students admitted for Fall 1987 and later** — Your advising location is the College of Computer, Math & Physical Sciences, Rm. 2300, Math Bldg.

COLLEGE OF HUMAN ECOLOGY

General Information			
Dr. Laura Sims, Dean		MMH-1100F	2136
Dr. Effie Hacklander, Associate Dean		MMH-1100D	5387
Undergraduate Student Records	Hay, G.	MMH-1100B	5181
FAMILY & COMMUNITY DEVELOPMENT	Billingsley	MMH-1204A	6424
Family Studies	Anderson, E.	MMH-1204	6022
	Epstein, N.	MMH-1204C	6422
	Gaylin, N.	MMH-1204D	5905
	Leslie, L.	MMH-1204J	6361
	Rubin, R.	MMH-1204L	6424
	Myricks, N.	MMH-1204E	5925
	Werlinich, C.	MMH-1218B	6188
	Lyons, E.	MMH-1204	6914
Community Studies	Hula, R.	MMH-1204G	5965
Management & Consumer Studies	Churaman, C.	MMH-1204F	6425
	Hanna, W.	MMH-1204A	2142
HUMAN NUTRITION AND FOOD SYSTEMS			
Dietetics	Curtis, S.	MMH-3307	5289
	Prather, M.	MMH-3306	5271
	Williams, E.	MMH-3309	5372
Experimental Foods	Choi, Y.	MMH-3302	4401
Food Service Administration	Norton, V.	MMH-3215	2455
	Noble, J.	MMH-3307	5289
Human Nutrition and Foods	Ahrens, R.	MMH-3301	4564
	Moser-Veillion	MMH-3308	5371
TEXTILES AND CONSUMER ECONOMICS	Smith, B.	MMH-2100A	5150
Apparel Design	Anderson, C.	MMH-2108	6481
Text. Mkt./Fashion Merch.	Dardis, R.	MMH-2106	6493
	Paoletti, J.	MMH-0301B	6494
	Wagner, J.	MMH-2100D	6486
Consumer Economics	Brannigan, V.	MMH-1411	6489
	Dardis, R.	MMH-2106A	6493
	Ettensen, R.	MMH-2100F	6485
	Verma	MMH-2108	7998
Textiles	Block, I.	MMH-2100H	6490
	Hollies, N.	MMH-0303A	6491
	Pourdeymmi	MMH-2108	8605
	Smith, B.	MMH-2100A	5150
	Spivak, S.	MMH-2100E	6487
	Yeh, K.	MMH-2100B	6484

COLLEGE OF JOURNALISM

Prof. Reese Cleghorn, Dean			
Dr. Greig M. Stewart, Assistant Dean		JRN-1117	2228
Undergraduate Advisors	Fine, J.	JRN-1117	2228
	Patterson, D.	JRN-1117	2228
	Reid, O.	JRN-1117	2228

PRE-JOURNALISM — **Students admitted for Fall 1987 and later** — Your advising location is the College of Arts & Humanities, Rm. 1111, Francis Scott Key Hall.

COLLEGE OF LIBRARY & INFORMATION SERVICES

Dr. Claude Walston, Dean		HBK-4105	5441
Student Records and General Information	Diepenbrock, J.	HBK-4110	3016
Undergraduate Advisor	Williams, H.	HBK-4111G	6068

COLLEGE OF LIFE SCIENCES

General Information			
Dr. Raymond Miller, Dean		SYM-1114	6332
Dr. Glenn W. Patterson, Acting Associate Dean		SYM-1222	3708
Dr. Albert J. Klavon, Assistant Dean		SYM-1224	5257
Dr. Amel Anderson, Assistant Dean		SYM-1224	5981
BOTANY	Barnett, N. (Coord.)	HJP-1225	3821
	Berg, L.	HJP-1225	3812
CHEMISTRY/BIOCHEMISTRY	Durso, M. (Coord.)	CHM-1220	5231
ENTOMOLOGY	Armstrong, E. (Coord.)	SYM-2309	7122
MICROBIOLOGY			
(A-D)	Cook, T. (Coord.)	MCB-3115	5381
(E-G)	Smith, A.	MCB-1119	3756
(H-J)	Hetrick, F.	MCB-1133	2282
(K-L)	Yuan, R.	MCB-2116	6698
(M-N)	Voll, M.	MCB-2114	5218
(O-Q)	Joseph, S.	MCB-1117	2848
(R-T)	Stein, D.	MCB-2113	7008
(U-Z)	Weiner, R.	MCB-2111	5364
ZOOLOGY	Higgins, W. J. (Dir., Undergraduate Students)	ZOP-2229	5131
	Barnett, A. J.	ZOP-3216	7012
	Imberski, R. B.	ZOP-3260	6590
	Gill, D.	ZOP-4222	3025
	Linder, H.	ZOP-3202	6249
GENERAL BIOLOGICAL SCIENCES	Berg, L. (Coord.)	HJP-1225	3812
Animal Science emphasis	Bradley, L.	CHM-3216	4631
Botany emphasis	Motta, J.	HJP-4108	3994
Chemistry emphasis	Klavon, A.	SYM-1224	5257
Ecology emphasis	Berg, L.	HJP-1225	3812
Entomology emphasis	Armstrong, E.	SYM-2309	7122
Genetics emphasis	Bottino, P.	HJP-3223	3821
Marine Biology emphasis	Berg, L.	HJP-1225	3812
Microbiology emphasis	Cook, T.	MCB-3115	5381
Physiology emphasis	Berg, L.	HJP-1225	3812
Zoology emphasis	Linder, H.	ZOP-3202	6249
Undeclared/Generalist	Berg, L.	HJP-1225	3812
	Barnett, N.	HJP-3214	3821
	Koines, P.	HJP-1227	3812
	VanValkenburg, S.	HJP-3226	3821

COLLEGE OF PHYSICAL EDUCATION, RECREATION AND HEALTH

General Information			
Dr. John Burt, Dean		PRH-3310D	5616
Dr. Jerry Wrenn, Associate Dean		PRH-3310B	5616
Lu Hoxie, Student Records		PRH-3310H	3192
Program Advisors			
PHYSICAL EDUCATION			
Kinesiological Sciences	Tyler, R.	PRH-2310	6252
Teacher Education	Owens, L.	PRH-2338	3072
RECREATION			
Therapeutic Recreation, Outdoor Recreation, Administrative or Program Recreation	Ward, V.	PRH-2358	3069
HEALTH EDUCATION			
Community Health, School Health	Hyde, D.	PRH-2374	3369

PRE-HEALTH & PRE-PHYSICAL EDUCATION — Your advising location is the College of Physical Education, Recreation and Health, Room 3310H PERH Building.

UNDERGRADUATE STUDIES

Dr. Kathryn Mohrman, Dean		HBK-1115	2530
Dr. Roger McIntire, Associate Dean		HBK-1117	2530
Dr. Leo La Sota, Acting Assistant Dean		HBK-1115	2530-1
BACHELOR OF GENERAL STUDIES DEGREE PROGRAM			
(Program closed, no new admissions)	Baron, K.	HBK-1115	2530
	Brenner, L.	HBK-1115	2530

HEALTH PROFESSIONS ADVISING

Pre-Dentistry			
Pre-Medicine			
Pre-Dental Hygiene			
Pre-Optometry			
Pre-Osteopathy			
Pre-Podiatry	Love, N.	TUR-3103	2540
Pre-Dental Hygiene			
Pre-Medical Technology			
Pre-Nursing			
Pre-Pharmacy			
Pre-Physical Therapy	Stewart, D.	TUR-3103	2540

INDIVIDUAL STUDIES PROGRAM			
Dr. Leo LaSota, Acting Assistant Dean		HBK-1115	2530-1
UNDERGRADUATE ADVISING CENTER (UAC)			
Dr. Betty Beckley, Assistant Dean		HBK-1117	2733
UAC ADVISORS			
Freshmen	Whittemore, W.	HBK-1117	2733
Pre-Business	Devaney, C.	HBK-1117	2733
Transfers	Miller, L.	HBK-1117	2733
Undeclared	Steen, T.	HBK-1117	2733
PRE-LAW	Buhlig, P.	HBK-1117	2733

Additional advisors are available. Contact the principal advisors listed above.

OFFICE OF MINORITY STUDENT EDUCATION

Minority Advisement Program			
Dr. F. D. Westbrook, Acting Director		HBK-1101	4901
Dr. Ronald Zeigler, Research Coordinator		HBK-1101	4901
Joel Smith, Academic Coordinator		HBK-1101	4901
Dottie H. Bass, Secretary		HBK-1101	4901

General University Requirements

Consult the Undergraduate Catalog for GUR information.

Requirements for Satisfactory Academic Progress — Undergraduate Students

THE FOLLOWING STANDARDS FOR UNDERGRADUATE ACADEMIC PERFORMANCE BECAME EFFECTIVE IN THE FALL 1984 SEMESTER. THEY APPLY TO ALL UNDERGRADUATE STUDENTS ON THE COLLEGE PARK CAMPUS, WHETHER PREVIOUSLY ENROLLED OR NEWLY ADMITTED.

GRADE POINT AVERAGE (G.P.A.)

1. Requirements for satisfactory academic progress are based solely upon grade point average. This is computed by dividing the TOTAL NUMBER OF QUALITY POINTS accumulated in courses for which a grade of A, B, C, D, or F has been assigned by the TOTAL NUMBER OF CREDITS ATTEMPTED in those courses. Courses for which a grade of "P", "S", "W", "I", or "NGR" has been assigned are NOT included in computing the G.P.A.
2. Each letter grade has a numerical value: A = 4; B = 3; C = 2; D = 1; F = 0. Multiplying this value by the number of credits for a particular course gives the number of quality points earned for that course:

A = 4 B = 3 C = 2 D = 1 F = 0	×	NUMBER OF CREDITS IN THE COURSE	=	TOTAL QUALITY POINTS FOR THE COURSE

3. When a course is REPEATED, only credits and quality points for the higher grade assigned for that course are counted in total credits attempted and total quality points.
4. An example of how a SEMESTER G.P.A. and a CUMULATIVE G.P.A. are calculated is given below:

Course	*Credits Attempted Attempted*	*Grade*	*Quality Points*
ENGL 101	3	C	6
MATH 110	3	B	9
ZOOL 101	4	A	16
PSYC 100	3	D	3
HIST 156	3	F	0
Current Semester Totals	16		34
Previous Semester Totals	27		74
	43		108

$$\text{SEMESTER G.P.A.} = \frac{\text{SEMESTER QUALITY POINTS}}{\text{SEMESTER CREDITS ATTEMPTED}} = \frac{34}{16} = 2.125$$

$$\text{CUMULATIVE G.P.A.} = \frac{\text{TOTAL QUALITY POINTS}}{\text{TOTAL CREDITS ATTEMPTED}} = \frac{108}{43} = 2.511$$

SATISFACTORY PERFORMANCE

A student whose cumulative G.P.A. is at least 2.00 will be considered as making satisfactory academic progress at the College Park campus.

Within any given semester, a student who completes 12 or more credits (excluding grades of 'P' and 'S') with a SEMESTER G.P.A. of 3.500, or higher, will be awarded **"ACADEMIC HONORS."** This notation will be placed on the student's transcript.

UNSATISFACTORY PERFORMANCE

Students with a CUMULATIVE G.P.A. of less than 2.00 fall into three categories: UNSATISFACTORY PERFORMANCE, ACADEMIC WARNING, and ACADEMIC DISMISSAL. The cumulative G.P.A. that defines each of these categories varies according to the CREDIT LEVEL as noted below.

CREDIT LEVEL = Courses completed at University of Maryland with grades of A, B, C, D, F, P, S and Transfer Credit from other institutions.

CREDIT LEVEL	*UNSATISFACTORY PERFORMANCE*	*ACADEMIC WARNING*	*ACADEMIC DISMISSAL*
0-13	1.999-1.290	1.289-0.230	0.229-0.000
14-28	1.999-1.780	1.779-1.280	1.279-0.000
29-56	1.999-1.860	1.859-1.630	1.629-0.000
57-74	1.999-1.940	1.939-1.830	1.829-0.000
75 OR MORE	—	1.999-1.940	1.939-0.000

1. Students whose cumulative G.P.A. falls within the **UNSATISFACTORY PERFORMANCE** category at the end of any semester will be urged, in writing, to meet with an advisor.
2. Students who receive an **ACADEMIC WARNING** will have that notation entered on their transcript and will be informed, in writing, to consult with an advisor prior to the beginning of the next semester. STUDENTS WHO DO NOT MEET WITH AN ADVISOR WILL NOT BE ALLOWED TO DROP OR ADD COURSES OR TO REGISTER FOR THE FOLLOWING SEMESTER.
3. **ACADEMIC DISMISSAL**
   A. Depending on the credit level attempted, students will be academically dismissed at the end of any semester when their CUMULATIVE G.P.A. falls into the ACADEMIC DISMISSAL range.
   B. After attempting 60 or more credits, any student who receives an ACADEMIC WARNING for TWO CONSECUTIVE SEMESTERS will be academically dismissed.
   C. No student transferring to the College Park Campus from OUTSIDE the University of Maryland system will be academically dismissed at the END OF THE FIRST SEMESTER if the cumulative G.P.A. is 0.23, or higher. After this first semester, the student will be subject to normal standards for academic progress. **NOTE: This provision does not apply to students reinstated or readmitted to the College Park Campus.**

ADDING/DROPPING COURSES

1. The FIRST TEN DAYS OF CLASSES during the Fall and Spring semesters are designated as being the SCHEDULE ADJUSTMENT PERIOD. A similar period of time is set aside during both summer sessions.
2. During the schedule adjustment period, students may ADD courses, DROP courses, or CHANGE SECTIONS. PART-TIME STUDENTS should pay particular attention to DIRECTIONS/DEADLINES in the Schedule of Classes to avoid incurring additional charges.
3. Courses ADDED during the schedule adjustment period will appear on the student's permanent record along with courses previously listed.
4. Courses DROPPED during the schedule adjustment period will NOT appear on the student's permanent record.
5. **Drop Policy —** The DROP PERIOD for Undergraduate Students will begin at the close of the Schedule Adjustment Period and terminate at the END OF THE TENTH WEEK OF CLASS. **DURING THE DROP PERIOD, A STUDENT MAY DROP A MAXIMUM OF FOUR CREDITS.** If a course is more than four credits, the student may drop the entire course. In the case of a variable credit course, the credit level may be reduced by up to four credits.
6. Courses dropped after the schedule adjustment period will be recorded on the student's transcript with a "W" notation. This mark is NOT used in computing the semester or cumulative G.P.A.

REPEATING COURSES

1. Any course may be repeated. If a course is repeated in which a student already has earned a mark of A, B, C, D, P, or S, the subsequent attempt will not increase the total credits earned toward the degree. Only the highest mark will be used to compute the G.P.A.
2. A student may register for a course NO MORE THAN THREE TIMES. A course dropped with a "W" notation will count as one of these three registrations.
3. Incompletes — The mark of "I" cannot be removed through re-registration for the course or through "credit by examination."

ACADEMIC REGULATIONS

Students who need additional information about the STANDARDS FOR SATISFACTORY UNDERGRADUATE PROGRESS or about other academic policies and requirements at College Park should immediately contact an ACADEMIC ADVISOR in their division, college or department.

Credit by Examination
(Undergraduate Students)

Credit may be earned by examination for any undergraduate course for which a suitable examination has been adopted or can be prepared by the department granting the credit. This option is not available, however, for courses in which the student has been registered beyond the end of the Schedule Adjustment Period, i.e., the first 10 days of classes.

Additional information regarding availability of examinations, applications, fees and other regulations is available from the Undergraduate Advising Center, Room 1117, Hornbake Library. See Ms. Crouch, 454-2731.

Semester Credit Limits
(Undergraduate Students)

Limited to **19 credit hours** per semester

Any exceptions must be approved by the Dean. Forms for this purpose will be available in the Dean's Office and should be turned in with Registration materials.

Full-Time Status

Effective August 1973, official status (either full-time or part-time) *for academic purposes* will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes.

UNDERGRADUATE — Full-time — Registered for 9 or more semester hours at the end of the Schedule Adjustment Period. Note, however, that students on scholarships and grants are expected to maintain a semester credit load of 12 hours. If the registration of a student with a scholarship or grant falls below the required credit hours, the scholarship or grant is automatically cancelled. Cancellation of a scholarship or grant without subsequent payment of amounts due will lead to an indebtedness to the University. Such indebtedness can in turn lead to severance of services by the University.

Foreign Language Placement

NOTE: If you have taken an advanced placement exam in a foreign language contact the appropriate department to determine at which course level you should enroll.

Latin Courses: Students who have had Latin in high school are encouraged to work at the highest level of which they feel capable. The departmental advisor, Professor Gregory Staley, located in room 4210 of Jimenez Hall, will help students identify the appropriate courses in which to enroll. Normally students with less than one year of high school Latin take LATN 101. Those who enter with a full year of high school Latin register for LATN 102; with two full years, LATN 203. College credit is given to students who have earned a 3, 4, or 5 on the Advanced Placement Test in Latin.

French Department: All students must present a copy of their high-school transcript (or college transcript for transfer students) to the instructor on the first day of instruction in order to enroll in FREN 101, 101H, 103, 203 or 121. FREN 101 (or the accelerated version, FREN 121, or the Honors version, 101H), is open to students who have never studied French. FREN 102 is designed for students who have completed FREN 101 on this campus. FREN 103 is designed for students whose transcript shows completion of 2 years (Level 2) of elementary French; it is a review of work normally completed by the end of Level 2 in high-school. FREN 203 (or the accelerated version, FREN 122, or the Honors version, 203H) is designed for students whose transcript shows completion of 3 years (Level 3) of French. Exceptions may be granted only by permission of course chairperson. A student whose knowledge of French is deemed by the course chairperson to be above the level of the course requested by the student may not take that course except on an Audit basis.

Spanish Department: Students who wish to register for Spanish 101-205 must do so in accordance with the guidelines below. Any exception necessitates written permission from the Department of Spanish and Portuguese. Students must present their high school transcript for proper placement on the first day of class if they wish to enroll in SPAN 101, 102, 102H or 103. See individual course descriptions for more details.

A student whose knowledge of Spanish is deemed by the course chairperson to be above the level of the course requested by the student may not take that course except on an audit basis. Students who have taken the equivalent of 203 at another institution, are deemed to have satisfied the language requirement for Arts and Humanities.

Students will not receive credit for SPAN 103 if they already have credit for both Spanish 101 and 102. When a student receives credit for any course above 102, he/she will not receive credit for any course which precedes it if it is in the same sequence. For example, if a student has credit for SPAN 311 (Advanced Conversation), he/she may not receive credit for SPAN 205 (Intermediate Conversation), if taken subsequently. Please consult the Departmental Advisor for additional information about Advanced Placement Tests and other credit and placement questions.

Spanish 101
0 years of Spanish in high school
1 year of Spanish in high school
2 years of Spanish in high school with a grade of C or below
Spanish 102
2 years of Spanish in high school with a grade of A or B
Spanish 101 at the University of Maryland
1 semester of Spanish at another college or university
Spanish 103
2 years of Spanish in high school with a grade of A or B
3 years of Spanish in high school with a grade of C or below
Spanish 203
Spanish 102 or 103 at the University of Maryland
3 years of Spanish in high school with a grade of A or B
4 years of Spanish in high school with a grade of C or below
Spanish 204 or 205
4 or more years of Spanish in high school with a grade of A or B
Spanish 203 at the University of Maryland, or equivalent course at another institution

Chinese Placement: Non-majors are required to have an interview with the program placement advisor, Dr. Tsung Chin, before they will be permitted to enroll for any Chinese language course (except CHIN 403 and 404).

German and Spanish Placement Schedule: During the semester there will be placement testing in Room 0106, Shoemaker Building. To be admitted for testing, students must have a picture I.D. Testing will be on Tuesday, January 24 at 3:00 p.m. and Wednesday, February 1 at 2:00 p.m. in the Testing Room, Shoemaker Building. Bring a picture I.D. in order to be admitted. All other times call D. Adelstein (x4752) for an appointment.

College Foreign Language Requirements

College of Arts and Humanities Requirements: If students have had four levels of one foreign language or two levels in each of two foreign languages as recorded on their high school transcript, they are not required to take any foreign language in the college, although they may elect to do so.

College of Journalism Requirement. Completion, either by course work or placement, at the intermediate level of foreign language study.

Undergraduate Students — Academic Information (Continued)

Major Changes

If you wish to process a major change, go to the college associated with your desired new major to obtain approval, advisement information, and a "Change of Major" form.

Students contemplating a change in major to Architecture, Business & Management, Computer Science, Consumer Economics, Design, Economics, Education, Engineering, Fashion Merchandising, Journalism, Radio, Television and Film, or Textile Marketing, should contact the Office of Undergraduate Admissions, 454-4009, for additional information regarding special requirements for entrance into these programs. Students not admitted directly to these programs may choose a pre-major in these programs.

Second Major: A student wishing to complete a second major in addition to his/her primary major, must obtain written permission from both the Dean of the primary major college and the Dean of the secondary major college. Forms for application to a second major are available at all college offices.

NOTE: A student must be enrolled in the major program from which he or she plans to graduate when registering for the final 15 hours of the baccalaureate program.

Second Degree: Refer to the Undergraduate Catalog for Second Degree information.

Undergraduate Student Classifications

Freshman	1-27 semester hours	Junior	56-85 semester hours
Sophomore	28-55 semester hours	Senior	86 to at least 120 semester hours

Zero-Level Courses

CHEM 001* ENGL 001* JOUR 001 & 002 MATH 001*

Although these courses carry credit for billing and status purposes, they are regarded as having zero credit for academic calculation purposes. Therefore, these courses are excluded from the calculation of credits registered at the end of the Schedule Adjustment Period, from the calculation of quality points and from the calculation of cumulative grade point averages.

*CHEM 001, ENGL 001, and MATH 001 fees are also discussed under Fees and Expenses.

Pass-Fail Option (Undergraduate Students)

The following policy has been adopted by the Board of Regents for implementation for the Spring 1989 semester.

1. To register for a course under the pass-fail option, an undergraduate must have completed 30 or more credit hours of college credit with a G.P.A. of at least 2.0. At least 15 of these credit hours must have been completed at UMCP with a University of Maryland G.P.A. of at least 2.0.
2. Courses for which this option applies must be electives in the student's program. The courses may not be college, major, field of concentration, or general education program requirements.
3. Only one course per semester or one course per summer session may be registered for under the pass-fail option.
4. No more than 12 semester hours of credit may be taken under the pass-fail option during a student's college career.
5. Students may not choose this option when re-registering for a course.
6. When registering under the pass-fail option, a course that is *passed* will count as *hours* in the student's record but will not be computed in the grade point average. A course that is *failed* will appear on the student's record and will be computed both in the overall average and in the semester average.

NOTE: CHANGES OF GRADING OPTION MAY BE PROCESSED ONLY DURING THE FIRST TEN DAYS OF CLASSES.

GRADUATE STUDENTS are not eligible for the PASS-FAIL grading option.

Statement on Statute of Limitations for General Education Requirements

Undergraduate students returning or transferring to the College Park Campus after August 1987 will no longer have the option of completing campus general requirements under either the General Education Program or the General University Requirements.

Thereafter, following any substantive change in campus general requirements, undergraduate students returning or transferring to the College Park Campus after a separation of five continuous calendar years must follow the requirements in effect at the time of re-entry. Exception will be granted to those students who at the time of separation had completed sixty percent (60%) of campus general requirements then in effect.

Students from Maryland public community colleges shall be treated as if registration dates were concurrent with enrollment at College Park.

Other exceptions to this policy may be appealed to the Dean of Undergraduate Studies.

The University Studies Program

Virtually all American colleges and universities ask that students receiving a baccalaureate degree complete a common set of requirements. These common requirements are usually referred to by the generic term "general education." General education requirements represent a faculty's definition of the knowledge, awarenesses and skills that all graduates should possess before that faculty will give its consent to the awarding of a degree. General education is that portion of the degree requirements in which the entire faculty has a concern.

The University Studies Program is the general education requirement at the University of Maryland, College Park. This program must be completed by all students beginning baccalaureate study after May, 1980. It is intended to provide students with the intellectual skills and conceptual background basic to an understanding of the universe, society and themselves. The focus is not on any particular bodies of knowledge, for almost any subject matter can lead to an awareness of general modes of understanding the world. Thus, for example, it does not matter whether the student studies physics or botany as long as he or she comes away from the course with some understanding of the power of the empirical investigation that characterizes science.

The University Studies Program has three parts. The "Fundamental Studies" section of the program is intended to establish the student's ability to participate in the discourse of the university through demonstrated mastery of written English and mathematics. Those requirements are to be completed early in the student's program in order to serve as a foundation for subsequent work.

The "Distributive Studies" requirement is intended, through study in particular disciplines, to acquaint students with the different ways of analyzing and talking about the world that characterize the three areas into which the university's knowledge is traditionally divided: the physical and biological sciences, the social and behavioral sciences, and the arts and humanities. The fourth category, "History and Culture," includes courses that lead to the consideration of historical and cultural differences and the relationship of our own society to those of other times and places.

In fulfilling "Distributive Studies" requirements, students will have gained some experience of the way in which scholars in different kinds of disciplines make and organize observations about the world and arrive at general statements. It is the purpose of "Advanced Studies" courses to show how these different intellectual approaches compare with each other or may be used in complementary ways to analyze and solve problems. "Development of Knowledge" courses deal with the basis upon which people who use these different approaches claim to know something and the different kinds of insights to which these intellectual strategies lead. "Analysis of Human Problems" courses consider these matters in terms of specific cultural, social, scientific or aesthetic problems which may be approached from several points of view.

The University Studies requirements, designed to be spread throughout the student's four years, represent a third of the total academic work required for graduation. It is the purpose of this program, in combination with the extensive work of the major, to help prepare students to become productive, aware and sensitive members of society, capable of understanding their world and the many kinds of people in it and of taking responsibility for their own decisions and their own lives.

Outline of the Program

These requirements are effective for students entering in May, 1980 and thereafter, with 8 or less credits from this or any other institution. Students with 9 or more credits from this or any institution prior to May, 1980 may elect this program or the old General University Requirements. (See the Undergraduate Catalog for General University Requirements.)

I. FUNDAMENTAL STUDIES — 9 credits (Except for ENGL 391 or 393, must be completed by the time student has completed 30 credit hours).
   A. English Composition — 6 credits
      1. ENGL 101 — 3 credits
         a. Students with TSWE score below 330 take ENGL 101A.
         b. Students with AP score of 4 or 5, or SAT verbal of 600 or above are exempt.
         c. Students who achieve a score of 51 or above on the CLEP Subject Examination College Composition (with essay questions) are exempt.
      2. ENGL 391 (Junior Level Expository Writing) or 393 (Technical Writing) — 3 credits
         a. Must be taken *after* student has completed 56 credit hours (i.e., has reached junior standing).
         b. Students with A in ENGL 101 (but not 101A or 101X) are exempt.
   B. Mathematics — 3 credits
      MATH 110 or MATH 115.
      1. Students with the following minimum examination scores or higher are exempt:
         a. SAT of 600 or above
         b. College Board Achievement Tests in Mathematics, Level I or II: 600
         c. Advanced Placement Examinations, Calculus AB or BC: 3
         d. Any CLEP *Subject* Examination in Mathematics: 60
      2. Successful completion of any of the following higher level entry courses than MATH 110: MATH 111, 140, 141, 150, 151, 220, 221, 240, 241, 246, 250, 251; STAT 100, 250.

II. DISTRIBUTIVE STUDIES — min.: 24 credits
   A. Culture and History (min.: 6 credits, 2 courses)
   B. Natural Sciences and Mathematics (min.: 6 credits, 2 courses)
      One course must be a laboratory science.
   C. Literature and the Arts (min.: 6 credits, 2 courses)
      Courses must be taken in two different departments, except HONR courses.
   D. Social and Behavioral Sciences (min.: 6 credits, 2 courses)

III. ADVANCED STUDIES — 6 credits
   This requirement may be fulfilled only *after* the student has completed 56 credit hours. It is intended that, in fulfilling this requirement, students choose courses that offer a contrast to the major rather than supplementing it. Courses to fulfill these requirements must be from two different departments outside the department of the student's major.
   A. The Development of Knowledge (1 course, 3 credits)
      Courses which focus on the creation, discovery, exploration, testing and evaluation of knowledge in one or more disciplines.
   B. The Analysis of Human Problems (1 course, 3 credits)
      Courses which focus on the application of knowledge from one or more disciplines to the study of important human problems.

A course taken to satisfy college, major, and/or supporting area requirements may also be used to satisfy University Studies Program (USP) requirements if it appears on the following list of approved courses for USP.

Courses used to satisfy USP FUNDAMENTAL STUDIES, DISTRIBUTIVE STUDIES, OR ADVANCED STUDIES may NOT be taken on a PASS-FAIL basis. Please refer to this page above for a complete statement of the new policy on PASS-FAIL.

Course numbers are subject to change. Please check with departments for verification of previous numbers.

DISTRIBUTIVE STUDIES: APPROVED COURSES

Course numbers are subject to change. Please check with departments for verification of previous numbers.

Distributive Studies (A) Cultural and Historical — Approved Courses

AASP	100	Introduction to Afro-American Studies
AASP	200	African Civilizations
AASP	202	Black Culture in the United States
AMST	201	Introduction to American Studies I
AMST	205	Material Aspects of American Life
AMST	207	Contemporary American Cultures
ANTH	298A	Chesapeake: An Archaeology of Maryland
ANTH	298B	The First Americans
CHIN	101	Intensive Elementary Chinese I
CHIN	102	Elementary Spoken Chinese
CHIN	103	Elementary Written Chinese
CHIN	201	Intermediate Spoken Chinese I
CHIN	202	Intermediate Written Chinese I
CHIN	203	Intermediate Spoken Chinese II
CHIN	204	Intermediate Written Chinese II
CLAS	170	Greek & Roman Mythology
EDPA	210	Historical and Philosophical Perspectives on Education
ENGL	260	Introduction to Folklore
FMCD	330	Family Patterns
FREN	101	Elementary French I
FREN	102	Elementary French II
FREN	103	Review of Elementary French
FREN	203	Intermediate French
FREN	121/121H	Accelerated French I
FREN	122/122H	Accelerated French II
FREN	311	French Conversation: Contemporary Issues
FREN	312	French Conversation: Current Cultural Events
FREN	370	Aspects of French Civilization
GEOG	150	World Cities
GEOG	202	The World in Cultural Perspective (changed from Area D, Fall 1983)
GEOG	321	Maryland and Adjacent Areas
GEOG	324	Europe
GEOG	325	The Soviet Union
GEOG	326	Africa
GEOG	327	South Asia
GEOG	331	Southeast Asia
GERM	101	Elementary German I
GERM	102	Elementary German II
GERM	103	Review of Elementary German
GERM	104/104H	Intermediate German
GERM	141	Elementary Yiddish I
GERM	142	Elementary Yiddish II
GERM	144	Intermediate Yiddish I
GERM	145	Intermediate Yiddish II
GERM	280	German-American Cultural Contrast
GERM	281	Women in German Literature and Society
GERM	282	Germanic Mythology
GERM	381	German Civilization I
GERM	382	German Civilization II
GERM	383	The Viking Era
GERM	384	The Age of Chivalry
GERM	389C	Selected Topics in Germanic Area Studies: The Ancient Celts
GERM	389I	Selected Topics in Germanic Area Studies: Ancient India
GREK	101	Elementary Greek
GREK	102	Elementary Greek
GREK	203	Intermediate Greek
GVPT	240	Political Ideologies
HEBR	111	Elementary Hebrew I
HEBR	112	Elementary Hebrew II
HEBR	211	Intermediate Hebrew I
HEBR	212	Intermediate Hebrew II
HEBR	333	Hebrew Civilization
HEBR	334	Hebrew Civilization
HIST	101	Great Ideas, Events and Personalities in History
HIST	115	Modern Business History
HIST	130	The Ancient World
HIST	131/131H	The Medieval World
HIST	132	The Rise of the West, 1500-1789
HIST	133	Modern Europe, 1789-Present
HIST	144	The Humanities I
HIST	145	The Humanities II
HIST	156	History of the United States to 1865
HIST	200	Introduction to the History of Science
HIST	201	Space and Technology in World History: Space/Time/Man/Woman
HIST	210	Women in America: The Colonial Period to 1880
HIST	211	Women in America Since 1880
HIST	234	History of Britain to 1485
HIST	235	History of Britain 1461-1714
HIST	236	History of Britain 1688 to present
HIST	237	Russian Civilization
HIST	250	Latin American History I (to 1810)
HIST	251	Latin American History II (1810 to present)
HIST	280	Islamic Civilization
HIST	282	History of the Jewish People I
HIST	283	History of the Jewish People II
HIST	284	East Asian Civilization I
HIST	285	East Asian Civilization II
HIST	290	African Civilization
HONR	118	Freshman Honors Colloq., Cultural and Historical
HONR	318	Honors Seminar, Cultural and Historical
ITAL	101	Elementary Italian I
ITAL	102	Elementary Italian II
ITAL	203	Intermediate Italian
ITAL	121/121H	Accelerated Italian I
ITAL	122/122H	Accelerated Italian II
ITAL	204	Review Grammar and Composition
ITAL	211	Intermediate Conversation
ITAL	370	Italian Civilization
JAPN	101	Elementary Japanese I
JAPN	102	Elementary Japanese II
JAPN	201	Intermediate Spoken Japanese I
JAPN	202	Intermediate Written Japanese I
JAPN	203	Intermediate Spoken Japanese II
JAPN	204	Intermediate Written Japanese II
JAPN	217	Buddhism and Japanese Literature in Translation
LATN	101	Elementary Latin I
LATN	102	Elementary Latin II
LATN	120	Intensive Latin
LATN	203	Intermediate Latin I
LATN	204	Intermediate Latin II
LATN	220	Intermediate Intensive Latin
PHED	293	History of Sport in America
PHIL	100	Introduction to Philosophy
PHIL	110	Plato's *Republic*
PHIL	243	Philosophy of Rural Life
PHIL	250	Philosophy of Science I
PORT	101	Elementary Portuguese I
PORT	102	Elementary Portuguese II
PORT	203	Intermediate Portuguese
RUSS	101	Elementary Russian I
RUSS	102	Elementary Russian II
RUSS	281	Russian Culture
SPAN	101	Elementary Spanish I
SPAN	102	Elementary Spanish II
SPAN	103	Review of Elementary Spanish
SPAN	203/203H	Intermediate Spanish
SPAN	204	Review of Oral and Written Spanish
SPAN	205	Intermediate Conversation
SPAN	311	Advanced Conversation I
SPAN	312	Advanced Conversation II
SPAN	325	Spanish Civilization I
SPAN	326	Spanish Civilization II
SPAN	346	Latin American Civilization I
SPAN	347	Latin American Civilization II
TEXT	345	History of Costume I
TEXT	347	History of Costume II
TEXT	363	History of Textiles
THET	310	The American Theatre

***NOTE: Not all courses are offered each semester. Check course listings.**

Distributive Studies (B) Natural Sciences and Mathematics — Approved Courses

Lab Sciences

AGRO	100 & 102	Crops Laboratory & Crop Production
AGRO	302	General Soils
ASTR	100 & 110 or 111	Introductory Astronomy & Astronomy Laboratory
BIOL	101 & 102	Organization and Interrelationships in the Biological World & Laboratory in Biology
BIOL	105	Principles of Biology I
BIOL	106	Principles of Biology II
BOTN	100	General Botany for Non-science Students
CHEM	102	Chemistry of Man's Environment
CHEM	103	General Chemistry I
CHEM	104	Fundamentals of Organic and Biochemistry
CHEM	105	Principles of General Chemistry I
CHEM	111	Chemistry in Modern Life
CHEM	113	General Chemistry II
CHEM	115	Principles of General Chemistry II
ENTM	205	Principles of Entomology
GEOG	170 & 171	Maps and Map Use & Maps and Map Use Laboratory
GEOG	201 & 211	The Geography of Environmental Systems & The Geography of Environmental Systems Laboratory
GEOL	100 & 110	Introductory Physical Geology & Physical Geology Laboratory
MICB	100	Basic Microbiology
MICB	200	General Microbiology
PHED	360	Physiology of Exercise
PHYS	102 & 103	Physics of Music & Physics of Music Laboratory
PHYS	106 & 107	Light, Perception, Photography & Visual Phenomena & Light, Perception, Photography & Visual Phenomena Laboratory
PHYS	114	Energy and the Environment
PHYS	117	Introduction to Physics
PHYS	121	Fundamentals of Physics I
PHYS	122	Fundamentals of Physics II
PHYS	141	Principles of Physics I
PHYS	142	Principles of Physics II
PHYS	191 & 195	Introductory Physics I: Mechanics & Introductory Physics Laboratory I
PHYS	192 & 196	Introductory Physics: Thermodynamics, Waves and Special Relativity & Introductory Physics Laboratory II
PHYS	221	General Physics for Science Teachers I
PHYS	222	General Physics for Science Teachers II
PHYS	262	(Lab) General Physics: Vibrations, Waves, Heat, Electricity and Magnetism
PHYS	263	(Lab) General Physics: Electrodynamics, Light, Relativity and Modern Physics
PHYS	293 & 295	Introductory Physics: Electricity & Magnetism & Intermediate Physics Laboratory
PHYS	294 & 296	Introductory Physics: Optics & Modern Physics & Intermediate Physics Laboratory
ZOOL	210	Animal Diversity
ZOOL	212	Ecology, Evolution and Behavior

Non-Lab Sciences & Mathematics

ASTR	100	Introductory Astronomy
ASTR	181	Introductory Astronomy and Astrophysics I
ASTR	182	Introductory Astronomy and Astrophysics II
ASTR	350	Astronomy and Astrophysics
BIOL	101	Organization and Interrelationships in the Biological World
BOTN	103	Human Aspects of Plant Biology
BOTN	200	Humanistic Botany
BOTN	211	Ecology and Mankind
CHEM	107	Chemistry and Man
ENAG	232	Water: A Renewable Resource
ENES	120	Noise Pollution
ENES	121	The Man-Made World
ENTM	100	Insects
GEOG	140	Coastal Environments
GEOG	170	Maps and Map Use
GEOG	201	The Geography of Environmental Systems
GEOL	100	Physical Geology
GEOL	101	Physical Geology for Science Students
GEOL	102	Historical Geology
GEOL	120	Environmental Geology
HESP	305	Anatomy & Physiology of the Speech Mechanism
HONR	128	Freshman Honors Colloq.: Natural Sciences and Mathematics
HONR	328	Honors Seminar: Natural Sciences and Mathematics
HORT	100	Introduction to Horticulture
MATH	111	Introduction to Math II
MATH	140	Calculus I
MATH	141	Calculus II
MATH	150	Calculus I (Honors)
MATH	151	Calculus II (Honors)
MATH	210	Elements of Mathematics
MATH	211	Elements of Geometry
MATH	220	Elementary Calculus I
MATH	221	Elementary Calculus II
MATH	240	Introduction to Linear Algebra
MATH	241	Calculus III
MATH	246	Differential Equations for Scientists and Engineers
MATH	250	Calculus III (Honors)
MATH	251	Calculus IV (Honors)
METO	100	Weather and Life
MICB	322	Microbiology and the Public
NUTR	100	Elements of Nutrition
PHIL	271	Symbol Logic I
PHYS	101	Contemporary Physics
PHYS	102	Physics of Music
PHYS	106	Light, Perception, Photography & Visual Phenomena
PHYS	111	Physics in the Modern World I
PHYS	112	Physics in the Modern World II
PHYS	161	General Physics: Mechanics and Particle Dynamics
PSYC	206	Developmental Biopsychology
PSYC	301	Biological Basis of Behavior
SOCY	201	Introductory Statistics for Sociology
STAT	100	Elementary Statistics and Probability
STAT	250	Introduction to Statistical Models
ZOOL	181	Life in the Oceans

***NOTE: Not all courses are offered each semester. Check course listings.**

Distributive Studies (C) Literature and the Arts — Approved Courses

NOTE: Courses must be taken in two different departments.

APDS	104	Survey of Design History
ARCH	170	An Introduction to the Built Environment
ARCH	222	History of Western Architecture
ARTH	100	Introduction to Art
ARTH	260	History of Art I
ARTH	261	History of Art II
ARTH	262	Arts of Asia
ARTH	284	Introduction to African Art
CHIN	313	Chinese Poetry and Prose in Translation I
CHIN	314	Chinese Fiction and Drama in Translation
CHIN	315	Modern Chinese Literature in Translation
CHIN	441	Traditional Chinese Fiction
CHIN	442	Modern Chinese Fiction
CLAS	270	Greek Literature in Translation
CLAS	371	Latin Literature in Translation
DANC	200	Introduction to Dance
ENGL	201	World Literature: Homer to the Renaissance
ENGL	202	World Literature: The Renaissance to the Present
ENGL	205	Introduction to Shakespeare
ENGL	234	Introduction to Afro-American Literature
ENGL	240	Introduction to Literary Form: Fiction, Poetry, Drama
ENGL	241	Introduction to the Novel
ENGL	242	Fact and Fiction: Forms of Non-Fiction Prose
ENGL	243	Introduction to Poetry
ENGL	244	Introduction to Drama
ENGL	245	Introduction to the Film as Literature
ENGL	246	The Short Story
ENGL	247	The Literature of Fantasy
ENGL	250	Women in Literature
ENGL	271	Honors World Literature: Homer to the Renaissance
ENGL	272	Honors World Literature: Renaissance to the 20th Century
ENGL	301	Critical Methods in the Study of Literature
ENGL	302	English Medieval Literature in Translation
ENGL	304	Major Works of Shakespeare
ENGL	305	Shakespeare and His Contemporaries: An Introduction
ENGL	345	Twentieth Century Poetry of Britain and America
ENGL	462	Folk Song and Ballad
FREN	250	Readings in French
FREN	340	Modern French Literature in Translation
FREN	350/350H	Advanced Readings in French
FREN	351/351H	French Literature from the Revolution to the Present
FREN	352/352H	French Literature from the Middle Ages to the Revolution
GERM	220	Introduction to German Literature
GERM	285	German Film and Literature
GREK	204	Intermediate Greek (Homer)
HEBR	223	The Hebrew Bible: Narrative
HEBR	224	The Hebrew Bible: Poetry and Rhetoric
HEBR	231	Jewish Literature in Translation
HEBR	322	Israeli Literature in Translation
HONR	138	Freshman Honors Colloquium: Literature and the Arts
HONR	338	Honors Seminar: Literature and the Arts
HORT	160	Introduction to the Art of Landscaping
ITAL	251	Introduction to Italian Literature
ITAL	351	Italian Literature from Dante to the Renaissance
ITAL	352	Italian Literature from the Renaissance to the Present
ITAL	376	The Italian Opera Libretto
MUSC	130	Survey of Music Literature
MUSC	140	Music Fundamentals I
MUSC	141	Music Fundamentals II
MUSC	215	The Art of the Performer
RTVF	314	Introduction to the Film
RUSS	328A	Nineteenth Century Russian Literature in Translation: From Pushkin to Dostoevsky
RUSS	328B	Nineteenth Century Russian Literature in Translation: From Dostoevsky to Chekhov
SPAN	221	Readings in Spanish
SPAN	321	Survey of Spanish Literature: 12th-17th Century
SPAN	322	Survey of Spanish Literature: 18th-20th Century
SPAN	323	Survey of Spanish American Literature I
SPAN	324	Survey of Spanish American Literature II
THET	110	Introduction to the Theatre
WMST	250	Women, Art, and Culture

***NOTE: Not all courses are offered each semester. Check course listings.**

Distributive Studies (D) Social and Behavioral Sciences — Approved Courses

AMST	203	Popular Culture in America
AMST	204	Film and American Culture Studies
AMST	206	Business and American Culture Studies
ANTH	102	Introduction to Anthropology
ANTH	221	Man and Environment
ANTH	241	Introduction to Archaeology
ANTH	271	Language and Culture
AREC	240	Environmental and Human Ecology
ARSC	310	Management & Leadership I
ARSC	320	National Security Forces in Contemporary American Society I
BSOS	200	Introduction to Applied Behavioral Social Sciences
CJUS	100	Introduction to Law Enforcement
CNEC	100	Introduction to Consumer Economics
CRIM	220	Criminology
ECON	105	Economics of Social Problems
ECON	201	Principles of Economics I
ECON	203	Principles of Economics II
ECON	205	Fundamentals of Economics
ECON	307	Development of Economic Ideas
ECON	310	Evolution of Modern Capitalism in Western Europe and the United States
ECON	311	American Economic Development
EDHD	306	A Study of Human Behavior
EDHD	330	Human Development and Societal Institutions
EDPA	201	Education in Contemporary American Society
FMCD	201	Concepts in Community Development
FMCD	250	Decision-Making in Families and Communities
FOOD	110	Food for People
FOOD	300	Economics of Food Consumption
GEOG	100	Introduction to Geography
GEOG	110	The World Today: A Regional Geography
GEOG	130	Developing Countries
GEOG	203	Economic Geography
GVPT	100	Principles of Government and Politics
GVPT	170	American Government
GVPT	220	Introduction to Political Behavior
GVPT	273	Introduction to Environmental Policy
GVPT	300	International Political Relations
GVPT	343	Political Themes in Contemporary Literature
HESP	120	Introduction to Linguistics
HIST	157	History of the U.S. Since 1865
HIST	275	Law and Constitutionalism in American History
HLTH	230	Introduction to Health Behavior
HLTH	285	Controlling Stress & Tension
HONR	148	Freshman Honors Colloquium: Social and Behavioral Sciences
HONR	348	Honors Seminar: Social and Behavioral Sciences
JOUR	100	Introduction to Mass Communication
LING	200	Introduction to Linguistics
LING	240	Language and Mind
PHED	287	Sport and American Society
PHED	350	Psychology of Sport
PHED	385	Motor Learning and Skilled Performance
PHIL	140	Contemporary Moral Issues
PHIL	245	Political and Social Philosophy I
PSYC	100	Introduction to Psychology
PSYC	221	Social Psychology
PSYC	310	Perception
PSYC	335	Personality and Adjustment
PSYC	355	Child Psychology
RECR	130	Recreation and Leisure
RTVF	124	Mass Communication in 20th Century Society
SOCY	100	Introduction to Sociology
SOCY	105	Introduction to Contemporary Social Problems
SOCY	230	Sociological Social Psychology
SOCY	300	American Society
SOCY	327	Introduction to the Study of Deviance
SOCY	331	Work, Bureaucracy and Industry
SOCY	341	Inequality in American Society
SPCH	350	Foundation of Communication Theory
URBS	100	Introduction to Interdisciplinary Urban Studies
URBS	210	Behavioral and Social Dimensions of the Urban Community
URBS	220	Environmental and Technological Dimensions of the Urban Community
URBS	320	The City and the Developing National Culture of the United States
WMST	200	Introduction to Women's Studies

***NOTE: Not all courses are offered each semester. Check course listings.**

ADVANCED STUDIES: APPROVED COURSES

The courses listed below have been approved for Advanced Studies Credit. **Not all courses are offered each semester. Check course listings for current semester.** Descriptions of most courses are given in the current Undergraduate Catalog. In order to verify course prerequisites, you **must** read the description in the catalog. Course descriptions for courses which have an alphabetical suffix following the three digit number, such as PHIL 308F and HIST 312A, are printed in the section below the list of approved Advanced Studies Courses.

WARNING: A course with the same number but a different suffix and title is NOT approved for Advanced Studies credit unless it is also in the list below.

NOTE: Advanced Studies courses must be taken in two different departments outside of the student's major (except HONR courses).

Advanced Studies: Development of Knowledge — Approved Courses *

AMST	418E	Cultural Themes in America: The American Image of Africa
AMST	418K	Cultural Themes in America: Race in America: Theory and Policy
AMST	428A	American Cultural Eras: Social Dramas in American Cultural History
AMST	429B	Perspectives on Popular Culture: Science Fiction in American Culture
AMST	432	Literature and American Society
ANTH	371	Introduction to Linguistics
ANTH	389C	Research Problems: Culture and Personality
ANTH	401	Cultural Anthropology: Principles and Processes
ANTH	451	Archaeology of the New World
ARHU	309A	Forms and Forces of Human Experience: An Interdisciplinary Exploration — Philosophies of Art
ASTR	300	Stars and Stellar Systems
ASTR	330	Solar System Astronomy
ASTR	340	Galaxies and the Universe
ASTR	380	Life in the Universe
BCHM	361	Origins of Biochemistry
CJUS	330	Contemporary Legal Policy Issues
CLAS	320	Women in Classical Antiquity
CLAS	470	Advanced Greek and Roman Mythology
ECON	402	Business Cycles
EDCI	488N	Learning Styles and Learning Environments
EDMS	451	Introduction to Educational Statistics
ENGL	320	English Romantic Literature
ENGL	379E	Special Topics in Literature: Film Analysis — The Rhetoric of Fictional Worlds
ENGL	379I	Special Topics in Literature: Science and Literature
ENGL	379J	Special Topics in Literature: Interpreting the Bible
ENGL	379K	Special Topics in Literature: Private Lives
ENGL	379L	Special Topics in Literature: The Great Divide: The Modern and Pre-Modern Worlds
ENGL	379M	Special Topics in Literature: Britain in the Age of Revolution, 1760-1820
ENGL	379O	Special Topics in Literature: Language and Gender: Male/Female Difference in Language Use
ENGL	379V	Special Topics in Literature: Modern Poetry and the Visual Arts
ENGL	385	Semantics
ENGL	412	Literature of the Seventeenth Century: 1600-1660
ENGL	432	American Literature, 1865-1914: Realism and Naturalism
ENGL	453	Literary Criticism
ENGL	477	Studies in Mythmaking
ENGL	479R	Special Topics in English and American Literature after 1800: Readers, Writers, and Rhetoric
ENGL	489A	Special Topics in English Language: The Language of Advertising
ENGL	489C	Special Topics in English Language: The Language of the Law
GEOL	301	Evolution in Geology
GERM	349A	Yiddish Literature in Translation: Yiddish Culture — The Holocaust in Film and Literature
GERM	479B	Selected Topics in Germanic Philology: Language and Science
GNED	301	The Arts and the Sciences
GVPT	441	History of Political Theory: Ancient and Medieval
GVPT	442	History of Political Theory: Medieval to Recent
GVPT	443	Contemporary Political Theory
HEBR	498B	Special Topics in Hebrew: Issues in Jewish Ethics and Law
HEBR	498R	Special Topics in Hebrew: Reconstructing Ancient Civilizations: The Case of Mesopotamia
HIST	311A	Approaches to the Past: Approaches to European Social History
HIST	311B	Approaches to the Past: Historiography
HIST	311S	Approaches to the Past: Science and History — Archaeoastronomy and the History of Science
HIST	401	The Scientific Revolution: From Copernicus to Newton
HIST	402	Development of Modern Physical Science: From Newton to Einstein
HIST	403	20th Century Revolutions in the Physical Sciences
HIST	407	History of Technology
HIST	412	Readings in Psycho-History
HLTH	498T	Ways of Knowing About Human Stress and Tension
HONR	368	Honors Seminar: Development of Knowledge
HSAD	451	Gaming Simulation in Design I
ITAL	410	The Italian Renaissance
LING	440	Grammars and Cognition
MATH	310	Introduction to Mathematical Reasoning
MATH	406	Introduction to Numbers Theory
MATH	430	Euclidian and Non-Euclidian Geometries
MUSC	340	Music Literature Survey I
NUTR	335	History of Nutrition
PHED	362	Philosophy of Sport
PHIL	308A	Studies in Contemporary Philosophy: Philosophy of Literature and Film
PHIL	308C	Studies in Contemporary Philosophy: Philosophy and Computers
PHIL	308D	Studies in Contemporary Philosophy: Discovery and Analogy in Science
PHIL	308E	Studies in Contemporary Philosophy: Philosophy of History
PHIL	310	Ancient Philosophy
PHIL	328B	Marxist Philosophy
PHIL	331	Philosophy of Art
PHIL	332	Philosophy of Beauty
PHIL	334	Philosophy of Music
PHIL	408D	Topics in Contemporary Philosophy: Philosophical Issues in Art History
PHIL	408E	Topics in Contemporary Philosophy: Aesthetic Theory and Philosophy of Criticism
PHIL	408F	Topics in Contemporary Philosophy: Contemporary French and German Philosophy
PHIL	408S	Topics in Contemporary Philosophy: The Nature of Scientific Understanding
PHIL	428A	Origins of the Modern Scientific World View
PHIL	447	Philosophy of Law
PHIL	450	Scientific Thought I
PHIL	451	Scientific Thought II
PHIL	452	Philosophy of Physics
PHIL	453	Philosophy of Science II
PHIL	454	Philosophy of Economics
PHIL	455	Philosophy of the Social Sciences
PHIL	456	Philosophy of Biology
PHIL	458A	Topics in the Philosophy of Science: Philosophy of Agricultural Science
PHIL	458X	Topics in the Philosophy of Science: Causation and Causal Thinking
PHIL	465	Philosophy of Psychology
PHIL	472	Philosophy of Mathemathics
PHYS	420	Principles of Modern Physics
PHYS	421	Introduction to Modern Physics
PHYS	490	History of Modern Physics
PHYS	499F	Special Topics in Physics: Twentieth Century Physics — Physics for Managers and Analysts
SOCY	403	Intermediate Sociological Theory
SOCY	498K	Sociology of Knowledge
SPCH	450	Classical and Medieval Rhetorical Theory
THET	495	History of Theatrical Theory and Criticism
WMST	400	Theories of Feminism
ZOOL	301	Biological Issues and Scientific Evidence
ZOOL	328F	Selected Topics in Zoology: The Brain

Advanced Studies: Analysis of Human Problems — Approved Courses *

AEED	323	Developing Youth Programs
AGRO	303	International Crop Production
AMST	330	Critics of American Culture
AMST	418B	Cultural Themes in America: Culture and Mental Disorders in Modern America
AMST	418C	Cultural Themes in America: The American Environment: Conservation and Energy
AMST	418D	Cultural Themes in America: Growing Up American
AMST	428B	American Cultural Eras:
ANTH	389B	Medicine, Health and Culture
AREC	365	World Hunger, Population, and Food Supplies
AREC	433	Food and Agricultural Policy
AREC	453	Natural Resources and Public Policy
ARHU	308A	Post World War II Japan Through Film and Fiction
CHEM	374	Technology, Energy and Risk
CLAS	374	Greek Tragedy in Translation
CNEC	310	Consumer Economics and Public Policy
CNEC	410	Consumer Finance
CNEC	431	The Consumer and the Law
CNEC	435	Economics of Consumption
CNEC	437	Consumer Behavior
ECON	315	Economic Development of Underdeveloped Areas
ECON	451	Public Choice and Public Policy
ECON	490	Survey of Urban Economic Problems and Policies
EDCI	381	Schools and Children
EDCP	420	Education and Racism
EDCP	462	The Disabled Person in American Society
EDHD	413	Adolescent Development
EDHD	445	Guidance of Young Children
EDIT	476	Application of Technology to Societal Problems
EDIT	488T	Issues Confronting Families Past and Future: A Multidisciplinary Examination
EDPA	400	The Future of the Human Community
EDPA	488G	Technology, Social Change and Education
ENAG	315	Energy: Its Effect on Agriculture and Food
ENGL	379F	Special Topics in Literature: Coping with Change
ENGL	379N	Special Topics in Literature: The Literature of Sentiment and Sentimentality
ENGL	379Q	Special Topics in Literature: More's Utopia and Modern Utopian Visions
ENGL	379R	Special Topics in Literature: Different Views of the Chesapeake Bay
ENGL	379S	Special Topics in Literature: Changing Ideas of the City in Western Literature
ENGL	379T	Special Topics in Literature: On Argument
ENGL	479A	Selected Topics in English and American Literature After 1800: Ideal and Real Communities in 19th Century American Literature
ENTM	303	International Pesticide Problems and Solutions
FMCD	381	Poverty and Affluence Among Low Income Families and the Community
FMCD	431	Family Crisis and Intervention
FMCD	487	Legal Aspects of Family Problems
FMCD	497	The Child and the Law
FREN	478B	Themes and Movements of French Literature in Translation: Autobiographical Fiction by Francophone Women Writers
FREN	478C	Themes and Movements of French Literature in Translation: Conflict Between Individual and Society in French Literature
FREN	479A	Masterworks of French Literature in Translation: The Age of Anxiety — The Literature of Existentialism and the Absurd
FREN	479D	Masterworks of French Literature in Translation: Ideologies and Relations Between the Sexes
GEOG	434	Agricultural and Rural Development
GEOG	456	Social Geography of Metropolitan Areas
GEOG	462	Water Resources and Water Resource Planning
GEOG	463	Geographic Aspects of Pollution
GEOG	464	Energy Resources and Planning
GERM	389J	Topics in Germanic Culture: Honor as a Theme in Western Literature
GERM	389R	Topics in Germanic Culture: Reason and Faith
GNED	300	Perspectives on Nuclear War
GVPT	403	Law, Morality, and War
GVPT	405	Defense Policy and Arms Control
GVPT	432	Civil Rights and the Constitution
GVPT	457	American Foreign Relations
GVPT	462	Urban Politics
GVPT	471	Women and Politics
HIST	312A	Crisis and Change in the United States: The Changing Urban Scene
HIST	312B	Crisis and Change in the United States: Dynamics of Federal Indian Policy
HIST	313A	Crisis and Change in European Society: Freedom and Authority
HIST	314A	Crisis and Change in the Middle East and Africa: Nationalism and Nation Building in the Middle East
HIST	316A	Crisis and Change in Latin America: Slavery and Race Relations
HIST	458A	Special Topics in Women's History: Victorian Women
HLTH	476	Death Education
HLTH	490	Theories of Children's Love and Peace Behaviors
HONR	378	Honors Seminar: Analysis of Human Problems
ITAL	411	Dante
NUTR	425	International Nutrition
NUTR	498F	Development and Modification of Food Habits
PHIL	308B	Philosophy of Life
PHIL	308F	Philosophical Aspects in Feminism
PHIL	340	Making Decisions
PHIL	342	Moral Problems in Medicine
PHIL	408A	Topics in Contemporary Philosophy: Analysis and Design of Legal and Moral Institutions
PHIL	408L	Topics in Contemporary Philosophy: Racial and Sexual Discrimination
PHIL	441	History of Ethics
PHIL	446	Law, Morality and War
PHYS	318N	Topics in Contemporary Physics: The Risks of Nuclear Power
PSYC	354	Cross-Cultural Psychology
SOCY	305	Scarcity and Modern Society
SOCY	325	Sex Roles
SOCY	333	Technology and Society
SOCY	427	Deviant Behavior
SOCY	431	Formal and Complex Organizations
SOCY	441	Social Stratification and Inequality
SOCY	460	Sociology of Work
SOCY	464	Military Sociology
SOCY	498A	Medical Sociology
SOCY	498N	Sociology of Nuclear War
SOCY	498R	Work, Family, Community, and Friendship: Issues in Social Identity and Well Being
SPCH	324	Communication and Sex Roles
ZOOL	346	Human Genetics and Society
ZOOL	381	Natural History of the Chesapeake Bay

***Not all courses are offered each semester. Check course listings.**

Course Descriptions for Approved Advanced Studies Courses

— Courses **without an alphabetical suffix following the three digits,** such as ECON 415, are described in the current Undergraduate Catalog. In order to verify course prerequisites, you must read the description in the catalog.

— Courses **with an alphabetical suffix following the three digits,** such as HIST 312A, are described below.

— Not all courses are offered each semester. Check course listings.

DEVELOPMENT OF KNOWLEDGE

AMST 418E — CULTURAL THEMES IN AMERICA: THE AMERICAN IMAGE OF AFRICA. By focusing attention on American ideas about Africa, this course traces the origins of American stereotypes of Africa and their development, especially during the late nineteenth and early twentieth centuries. Through a systematic analysis of American perceptions of Africa, the most significant bodies of contemporary information available concerning the continent are examined: the written accounts of Americans who actually were traveling to Africa, and the numerous kinds of secondary sources published in America about Africa. Prerequisites: a course in American Studies, Afro-American Studies, History, or Geography.

AMST 418K — CULTURAL THEMES IN AMERICA: RACE IN AMERICA: THEORY AND POLICY. American culture has been, since its earliest days, concerned with categorizing and labelling people on the basis of distinguishable physical characteristics. The evolution of this tendency to link physical differences with mental and tempermental differences historically involved the fields of the natural sciences, geography, ethnology, linguistcs, theology, and literature. Race theory spilled over into American politics — both foreign and domestic — and shaped laws, mores, and behavior patterns, while popular race policies stimulated research and shaped the biases of racial theorists. Prerequisites: a prior course in American Studies, American History, or Sociology.

AMST 428A — AMERICAN CULTURAL ERAS: SOCIAL DRAMAS IN AMERICAN CULTURAL HISTORY. Focus on images of the future — as found in advertising, utopian literature, film, world's fairs, science fiction, community planning, and Toffler's *Future Shock* — to illustrate the strategies of social rhetoric and institutions in responding to the conflict and changes of America's past. Prerequisites: a prior course in American Studies, or History, or Sociology.

AMST 429B — PERSPECTIVES ON POPULAR CULTURE: SCIENCE FICTION IN AMERICAN CULTURE. Explores science fiction as a form of communication illustrative of the roles of socialization, institutionalization and cultural criticism in American society. The course provides a historical overview of science fiction, focuses on important literary narratives, considers the icons and conventions of science fiction art and film, and introduces the theoretical insights to be gained from the disciplines of literary criticism, sociology and anthropology. Prerequisites: one of the following: AMST 203, 418, 428, 432; a course on twentieth century American history or American literature; a course on the Sociology of Art or Sociology of Knowledge; a course in the History or Philosophy of Science; previous "Fantasy and Science Fiction" course.

ANTH 389C — CULTURE AND PERSONALITY. Examines the relationship between the individual and society, as well as cross-cultural differences in personality types. Emphasis will be on biography, including anthropological life history and other material. Focus will be on determining the ways in which information pertaining to the events of individual lives contribute to our understanding of the human condition. Prerequisite: ANTH 102 or 221 or related course in the social sciences or permission of instructor.

ARHU 309A — FORMS AND FORCES OF HUMAN EXPERIENCE: AN INTERDISCIPLINARY EXPLORATION — PHILOSOPHIES OF ART. Explores the similarities and differences in the creative impulse in music and the visual arts. Artists in each area would be studied to understand the sources of their art, its relation to their social and personal situations and to the *Zeitgeist*. The course would concentrate on various forms of modern art and explore the reasons for differences in general orientation as well as traits broadly shared.

EDCI 488N — LEARNING STYLES AND LEARNING ENVIRONMENTS. An opportunity to examine your own style of learning through self-report instruments and how you function in different learning environments through direct experiences and reflection. Prerequisite: completion of Social and Behavioral Sciences requirement.

ENGL 379O — SPECIAL TOPICS IN LITERATURE: LANGUAGE AND GENDER: MALE/FEMALE DIFFERENCE IN LANGUAGE USE. By taking this course, students will gain an understanding of how gender affects communication, and, on a more practical level, of what members of the opposite sex (whichever one that is for each student) might mean when they engage in language behavior which the student finds puzzling or off-putting. In addition, students will, it is hoped, learn to appreciate the point of view of the opposite sex (whichever one that happens to be). Prerequisites: two courses from literature and/or linguistics.

ENGL 379E — SPECIAL TOPICS IN LITERATURE: FILM ANALYSIS: THE RHETORIC OF FICTIONAL WORLDS. Examines approximately twelve films to reveal how narrative films create apparently closed worlds of illusion in which every action and behavior is composed as part of a pattern of meaning. This rhetorical approach implies a variety of strategies by which filmmaker and audience enter into a conspiracy of communication; the emphasis here is on the manner in which the terms of exchange are exposed, the language made visible, the illusion fractured. Prerequisite: Completion of two literature courses.

ENGL 379I — SPECIAL TOPICS IN LITERATURE: SCIENCE AND LITERATURE. Examines outstanding literary works whose content is scientific to ask: (1) how are the scientific method and creative process related? (2) What are the correspondences between the theoretical and the metaphorical imaginations? (3) How is art empirical and empiricism artful? (4) Are there various styles of scientific inquiry, as in literary art? Is there a creative methodology that guides every writer, regardless of style? (5) How are the intentions of science and literature alike, different, at odds? Prerequisite: Completion of two literature courses.

ENGL 379J — SPECIAL TOPICS IN LITERATURE: READING THE BIBLE: PROBLEMS OF INTERPRETATION. Investigates the ways that the Bible has been read from the perspectives of a variety of disciplines through history. The traditional religious way of reading the Bible; the Higher Biblical Criticism as a reflection of 19th century historicism and science; modern readings of the Bible, including psychoanalytic, structuralist, anthropological, and literary interpretations. Prerequisite: completion of two literature courses.

ENGL 379K — SPECIAL TOPICS IN LITERATURE: PRIVATE LIVES. Students will learn how to do original research by utilizing primary sources available in Maryland and the District of Columbia. Students will conduct interviews, use extensive archival collections and analyze oral histories. The questions before the class will be: What is history? How does one understand the nature of ordinary experience and how does one assemble these experiences to "create" history? Each student will study a special person, family or neighborhood and prepare an historical project. Prerequisites: two lower division English courses.

ENGL 379L — SPECIAL TOPICS IN LITERATURE: THE GREAT DIVIDE: THE MODERN AND PRE-MODERN WORLDS. This course will examine the great divide between the modern and pre-modern periods by examining a series of paired Medieval/Renaissance and Modern literary, religious, and psychological texts from *Beowulf* to *Prizzi's Honor*. It will ask what unsuspected continuities and discontinuities exist between the modern and pre-modern periods and what changing ideas of self, society, God, heroism and science are seen. Prerequisites: two Literature courses.

ENGL 379M — SPECIAL TOPICS IN LITERATURE: BRITAIN IN THE AGE OF REVOLUTION, 1760-1820. Deals with how British artists, authors, historians, and political theorists responded to the American and French Revolutions in politics, the Industrial Revolution in economics, and the Romantic Revolution in the arts. In each of these interrelated revolutions a traditional, hierarchic system was challenged by rational, equalitarian premise. Critical thinking will be encouraged by considering opposing views of major events and developments. Prerequisite: any combination of 2 courses from Art, Literature, and/or History. NO PASS-FAIL.

ENGL 379V — SPECIAL TOPICS IN LITERATURE: MODERN POETRY AND THE VISUAL ARTS. Focusing on the interaction of modern poetry and the visual arts, ENGL 379V first examines a variety of analytical techniques of interdisciplinary study. These techniques are then applied to modernism's three most important poets: W. B. Yeats, Ezra Pound and T. S. Eliot, involving an examination of the poems, the poets' comments on how those poems are connected to the visual arts, and the painting, sculpture, and architecture that provide the context for the writers and their work. Prerequisites: two college level literature courses.

ENGL 479R — SPECIAL TOPICS IN ENGLISH AND AMERICAN LITERATURE AFTER 1800: READERS, WRITERS, AND RHETORIC. Examines the nature of the reading process: how it develops, how it has changed over time, what influences it, and how different kinds of text may be read. The course samples reading theory in psychology, education, and literature, and applies this theory both to literary texts and to a range of nonfiction prose. Reading is presented as a complex, active process of constructing meaning in a text.

ENGL 489A — SPECIAL TOPICS IN ENGLISH LANGUAGE: THE LANGUAGE OF ADVERTISING. Examines the role of language in fulfilling the two primary purposes of advertising: (1) to inform the consumer and (2) to persuade the consumer to purchase the product. To provide a context for this examination, the course treats not only language which is peculiar to advertising, but also other uses in other kinds of communication, such as the principles governing the use of technical terminology, implications, connotations, etc. Prerequisite: Two lower division courses.

ENGL 489C — SPECIAL TOPICS IN ENGLISH LANGUAGE: THE LANGUAGE OF THE LAW. The language of the law is a special language in every sense — in style, vocabulary, use, syntax, and history. Investigation will show that oral and written legal language to close syntactic analysis and to analysis of the special ways in which it is used. The language of manipulation, in bilingual situations, and as plain English are a part of this course. So are linguistic offenses, notions of linguistic authority, vagueness, language use by witnesses and its comprehensibility to juries. Its sense of drama and ritual are apparent in both real legal language and in literary portrayals of it. Prerequisite: Six credits in courses related to language: writing, linguistics, English language or literature, foreign language, or English department writing internship.

GERM 349A — YIDDISH LITERATURE IN TRANSLATION: YIDDISH CULTURE — THE HOLOCAUST IN FILM AND LITERATURE. Among the most compelling of modern literature is that body of writings dedicated to recording, interpreting, and evaluating the attempted Nazi genocide of the Jews. Different in effect but also of considerable significance are the documentary and commercial films that attempt to present the Holocaust experience. The course encourages students to reflect on the profound questions raised by the depiction of unprecedented extremes of human behavior. Prerequisites: lower level English literature or literature translation course.

GERM 479B — SELECTED TOPICS IN GERMANIC PHILOLOGY: LANGUAGE AND SCIENCE. When does a discipline become a science? How is something as amorphous, abstract, "soft" as language studies scientific? This course focuses on the recent history of the study of language (linguistics) as an example of the maturation of a "science". The basic principles and methodology of modern linguistics are studied with an eye toward understanding the influence of modern scientific methodology on traditional "soft" sciences and, conversely, appreciating the importance of the study of language for modern science. Prerequisite: completion of either the Natural Science & Math, or the Social & Behavioral Sciences requirement as well as some experience with linguistics or foreign language learning.

HEBR 498B — SPECIAL TOPICS IN JEWISH STUDIES: ISSUES IN JEWISH ETHICS AND LAW. An analysis of provocative and controversial issues in family law, business and medical ethics in the light of classical Jewish discussions. Theoretical issues, such as the relationship of ethics to Jewish law, and the dynamics of Jewish law, will also be discussed. Prerequisite: one course in Philosophy or Jewish Studies.

HEBR 498R — SPECIAL TOPICS IN JEWISH STUDIES: RECONSTRUCTING ANCIENT CIVILIZATIONS: THE CASE OF MESOPOTAMIA. What do we know of ancient civilizations? How do we know it? This course examines how archeology and written documents enable modern scholars to reconstruct the civilizations of the ancient Near East. Prerequisite: One course in ancient or medieval history or one course in a foreign literature.

HIST 311A — APPROACHES TO THE PAST: APPROACHES TO EUROPEAN SOCIAL HISTORY. The principal goal of this course is to develop an understanding of the principal historical theories concerning human society and the ways in which historians study human social organization and behavior. The social history of Europe will serve as a common focus for the semester's readings and discussions. Members of the class will be responsible for weekly reading assignments and a 15-20 page term paper analyzing historical approaches to a significant problem in European social history. Prerequisite: one course in history.

HIST 311B — APPROACHES TO THE PAST: HISTORIOGRAPHY.

HIST 311S — APPROACHES TO THE PAST: SCIENCE AND HISTORY — ARCHAEOASTRONOMY AND THE HISTORY OF SCIENCE. This course compares the scientific and humanistic approaches to knowledge, first by examining claims that they are radically different (the "two cultures thesis) and then by showing how science has become more historical, and the scientists are presented as participants in the phenomena they are supposed to observe. Prerequisite: one history course.

HLTH 498T — WAYS OF KNOWING ABOUT HUMAN STRESS AND TENSION. A critical examination of assumptions related to stress and tension via selected methods in the life sciences, the behavioral sciences, and the arts and humanities. The major goal is to help the student attain a position of responsibility with respect to what he or she knows about stress. Prerequisite: HLTH 285 and completion of the Literature and Art component of the Distributive Studies requirement.

PHIL 308A — STUDIES IN CONTEMPORARY PHILOSOPHY: PHILOSOPHY OF LITERATURE AND FILM. Course will deal with problems in the understanding of narrative fiction which are common to literature and film, and with differences between the two media in relation to various artistic goals, narrative and otherwise. We will be interested centrally in the ways and means by which literary and cinematic works manage to contain intellectual content, convey thoughts or attitudes, or present views of the world. And this merely, it seems, by telling stories. Prerequisites: two courses in Literature/Film, or one Literature/Film and one Philosophy course.

PHIL 308C — STUDIES IN CONTEMPORARY PHILOSOPHY: PHILOSOPHY AND COMPUTERS. This course is an introduction to two kinds of philosophical issues concerning computers. First, we shall examine, in non-technical form, some of the major concepts and results in the abstract theory of computation. We shall then investigate, with this preparation, some fundamental topics focusing on the question, "Can machines think?" Prerequisite: one course in logic or computer science.

PHIL 308D — STUDIES IN CONTEMPORARY PHILOSOPHY: DISCOVERY AND ANALOGY IN SCIENCE. Course will explore answers to the following question: How are new explanatory theories in science constructed? One hypothesis that we will examine is that analogies play a key role in discovery. Consider: constructing a new theory involves putting old ideas together in new ways. Work in several fields is relevant to the topic: philosophy of science on discovery, philosophy on analogies and metaphors, artificial intelligence (AI) on computer systems to make scientific discoveries or reason by analogy. Prerequisites: PHIL 250 or two science courses.

PHIL 308E — STUDIES IN CONTEMPORARY PHILOSOPHY: PHILOSOPHY OF HISTORY. Examines critically alternative answers to fundamental questions in the philosophy of history: What is a historical interpretation? How is a historical interpretation related to the evidence upon which it is based? How, if at all, can a historical interpretation be shown better than competing interpretations? To what extent can this showing be regarded as objective? As scientific? As these questions indicate, the course deals with critical rather than speculative philosophy of history. Prerequisites: six hours in philosophy or history.

PHIL 328B — MARXIST PHILOSOPHY. The major ideas of Marx and Engels (historical materialism, alienation, class struggle, ideology, capitalism, revolution, the state, etc.); with the Hegelian background of Marxist theory; and with 20th century additions and interpretations, including such authors as Lenin, Trotsky, Sartre, Gramsci, Habermas, and a Marxist feminist. Prerequisites: one course in PHIL or GVPT.

PHIL 406D — TOPICS IN CONTEMPORARY PHILOSOPHY — PHILOSOPHICAL ISSUES IN ART HISTORY. Examines methodological problems which arise when art historians mobilize art-historical means (ranging from the eye of the connoisseur to laboratory tests) to achieve the goals of the discipline: discriminating authentic works, fixing dates and authorship, reconstructing artistic context, determining artistic meaning and purpose, uncovering influences, and charting and accounting for developments of style. How far can art-historical conclusions and interpretations be scientific? Or objective? Or value-free? Or free from historical conditioning by the historian's time and culture? Which limitations of art history as we know it are a matter of incomplete evidence and which are structural in the discipline itself? Prerequisites: one course in philosophy and two in art history, or permission of instructor.

PHIL 408E — TOPICS IN CONTEMPORARY PHILOSOPHY — AESTHETIC THEORY AND PHILOSOPHY OF CRITICISM. The aesthetic as a mode of apprehending the world or as an aspect of objects. The conceptual tools and intellectual presuppositions of criticism. Readings from the 19th century to the present. Prerequisites: a 300 level course in aesthetics, or six hours of philosophy.

PHIL 408F — TOPICS IN CONTEMPORARY PHILOSOPHY — CONTEMPORARY FRENCH AND GERMAN PHILOSOPHY. The central philosophical themes of phenomenology, structuralism and hermeneutics, together with their 19th century background. Applications of these themes to various aspects of modern European culture: technology, mass-media, sexuality, penal institutions, labor, and language. Heidegger, Foucault, Derrida, Ricoeur, Horkheimer, Adorno, Levi-Strauss. Prerequisite: one course in philosophy.

PHIL 408S — TOPICS IN CONTEMPORARY PHILOSOPHY — THE NATURE OF SCIENTIFIC UNDERSTANDING. What is scientific understanding? What is scientific explanation? What assumptions are involved in scientific explanations? Are these assumptions strictly necessary, or are they refinable or replaceable, so as to put science on a firmer footing? If so, how? Are there ultimate limits to scientific explanation? If so, what are they precisely? These questions are explored through historical readings and through intensive examination of contemporary accounts of scientific understanding. Prerequisites: two courses in science or philosophy.

PHIL 428A — ORIGINS OF THE MODERN SCIENTIFIC WORLD VIEW. This course will examine the evolution of modern scientific and philosophical views from the controversies about the nature of science which took place in the 17th and 18th centuries. Among the topics to be discussed are: debates about the aims and methods of science; the nature of space, time, matter, and force; man and God in relation to the physical universe; interactions of philosophical, scientific, and mathematical theories. Prerequisites: none.

PHIL 458A — TOPICS IN THE PHILOSOPHY OF SCIENCE: PHILOSOPHY OF AGRICULTURAL SCIENCE. This course will examine the nature of scientific agricultural knowledge, agriculture's contributions to scientific method, and the applicability of agricultural research techniques to other disciplines such as the Social Sciences. In the process it will examine various philosophical issues that arise in animal behavior studies and explore the roles values have in scientific research and knowledge. Prerequisites: two courses in the agricultural sciences or two courses in philosophy; MATH 111 or STAT 100 or equivalent.

PHIL 458X — TOPICS IN THE PHILOSOPHY OF SCIENCE: CAUSATION AND CASUAL THINKING. Concerned with the nature of causation and with the importance of causation both in theoretical science and in policy applications. The course divides into four sections of unequal length. The first and longest section will concern itself with the difficult questions of what it is for one event to cause another and of how causal notions are related to issues concerning indiction and explanation. Both historic and contemporary texts will be assigned and studied. The second section will be concerned with the importance of casual notions in theoretical science: Can modern science dispense with causal language altogether? The third section of the course will consider the role of causal knowledge in policy making. Is causal knowledge indispensable in deciding what to do? Prerequisites: one course in philosophy and one course in science, or permission of instructor.

PHYS 499F — SPECIAL PROBLEMS IN PHYSICS: TWENTIETH CENTURY PHYSICS — PHYSICS FOR MANAGERS AND ANALYSTS. A discussion of the foundations of the profound changes in our understanding of the world that came about as result of a number of fundamental discoveries in physics. Includes relativity and the dilation of time, the wave nature of particles, and the quantum nature of waves. Prerequisite: One year of algebra-based physics, such as PHYS 121, 133. Not recommended for majors in any of the physical sciences.

SOCY 498K — SOCIOLOGY OF KNOWLEDGE. The subject of this course is the creation, objectification and legitimation of what is called "knowledge". Our basic approach will be sociological. This is, instead of seeing knowledge as gained and respected for purely logical or empirical reasons, we will examine the acquisition and acceptance of knowledge as a social process, a process through which concepts such as "logical" or "empirical" are themselves constructed and imposed. Within this broad sociological perspective, we will compare several different approaches; for example, we will examine and employ the intellectual strategies of phenomenologists, marxists, functionalists and semioticians for the sociology of knowledge. Prerequisites: introduction to sociology, philosophy or history.

ZOOL 328F — SELECTED TOPICS IN ZOOLOGY: THE BRAIN. An examination of the development of our knowledge of some of the mysteries of the brain. The course will include an introduction to how the brain monitors the outside world and maneuvers the body through it, how the brain integrates bodily functions, how the brain is changed by experience, the characteristics of brain rhythms, and the cellular basis of brain activity. Prerequisite: Introductory Biology (e.g. BIOL 101 or ZOOL 101).

ANALYSIS OF HUMAN PROBLEMS

AMST 418B — CULTURAL THEMES IN AMERICA: CULTURE AND MENTAL DISORDERS IN MODERN AMERICA. This course will be based on a comparative, cross-cultural approach to the connections between culture and mental disorders in contemporary American society. In considering the social circumstances in which deviance is committed, labelled, and treated, emphasis will be placed on the analysis of the symbolic systems created and employed by deviants, such as psychotics, and of the symbolic systems used by therapists such as psychiatrists. The relationships between these two systems, and their connections to patterns in the general American culture will be explored. Theoretical readings will be supplemented by case studies from American and non-Western cultures. Students will have the opportunity to conduct field observations at local mental institutions. Prerequisite: a course in American studies or an anthropology, psychology, or sociology course.

AMST 418C — CULTURAL THEMES IN AMERICA: THE AMERICAN ENVIRONMENT: CONSERVATION AND ECOLOGY. Prerequisites: none.

AMST 418D — CULTURAL THEMES IN AMERICA: GROWING UP AMERICAN. This course examines growing up in the United States, using historical documents, novels, and child-rearing manuals; emphasis on the transmission of values, knowledge, and beliefs. Prerequisite: a prior course in American Studies, History or Sociology.

AMST 428B — AMERICAN CULTURAL ERAS: AMERICAN FILM CULTURE IN THE 1960s. Investigating the interaction between the film medium and an era of significant cultural change, the course will emphasize: (1) institutional factors (the Hollywood industry, the avant-garde, film critics) that influence the production and

appreciation of the motion picture; (2) Hollywood genres (the horror film, the war movie, the gangster melodrama) undergoing transformations during this period; (3) documentaries and experimental narrative films exploring the medium as an instrument for social observation and reform. Prerequisites: one American Studies course, a Film course, a twentieth century American History course, a Sociology course.

ANTH 389B — MEDICINE, HEALTH AND CULTURE. Anthropologists study medical and health behavior in diverse cultural settings. The subject matter for this course ranges from traditional healing and health care practices to contemporary United States medical treatment. Topics include nutrition, cross-cultural dimensions of mental health, medical practices, and professonal roles for health practitioners. Prerequisites: ANTH 102 or related course in the social sciences and permission of instructor.

ARHU 308A — POST WORLD WAR II JAPAN THROUGH FILM AND FICTION. A critical analysis, using fiction, film, and historical writing, of Japan's defeat in World War II, postwar trauma as an occupied country, and ultimate national recovery and emergence as an economic superpower. It asks what changed and what continued and why in Japanese politics, economic life, educational system, the arts, the family and value system, and international relations. Topics include war guilt and the psychology of defeat; the human costs of the atomic bomb; occupation reforms and interaction with the conquerors; peace and security treaties and the resumption of international relations; changing family and social roles; creativity in the arts and sciences; competition in world trade and high technology. Prerequisites: completion of Social & Behavioral Sciences.

EDIT 488T — ISSUES CONFRONTING FAMILIES PAST AND FUTURE: A MULTIDISCIPLINARY EXAMINATION. This course is designed to examine issues confronting families now and in the future. The theoretical framework focuses on how technology, communication, and values affect family decisions regarding a variety of issues. These issues include roles, management of resources, work, health, and information seeking. Prerequisites: PSYC 100 or SOCY 100.

EDPA 488Q — TECHNOLOGY, SOCIAL CHANGE & EDUCATION. The course is concerned with the new technology: how it relates to education and consequently to social change. The books assigned are from the academic area of Social Foundations of Education and from the emerging literature of Education Communications. A humanistic view is taken in an effort to try to understand recent technological developments. Assignments will involve two scholarly papers which will analyze the relationship of the new technologies to education and humanistic concepts. Prerequisites: Junior/Senior status and Social Science requirement completed.

ENGL 379F — SPECIAL TOPICS IN LITERATURE: COPING WITH CHANGE. An examination of the kinds of changes which confront the individual and society and ways of coping with these changes as seen in literature and film. Topics will range from personal changes such as adapting to the breakup of a family or a career change to large scale social changes involving alterations in value systems and behavior. Prerequisites: two Literature courses. NO pass/fail option.

ENGL 379N — SPECIAL TOPICS IN LITERATURE: THE LITERATURE OF SENTIMENT AND SENTIMENTALITY. Treats the beginning of the Romantic Movement in England, presenting major works of poetry and prose against the background of the Industrial Revolution, the French Revolution, and the growth of nationalism. The underlying question in the course, however, is how our view of the world around us, and our presentation of human experience has been influenced by the Romantic Revolution. Prerequisite: Completion of two literature courses.

ENGL 379Q — SPECIAL TOPICS IN LITERATURE: UTOPIA & UTOPIAN VISIONS. Treats the development of the Utopian genres in literature and the transformation of some dystopian texts into films. The course emphasizes responses to the following human problems: Frederick Winslow Taylor's "Scientific Management" and modern technocracy, the anti-feminine tradition and feminism, the modern state and individual freedom, the distribution of wealth and the philosophy of pleasure, eugenics and euthanasia, and, finally, the problem of art vs. propaganda as confronted by the author of utopias. Prerequisite: Completion of two literature courses.

ENGL 379R — SPECIAL TOPICS IN LITERATURE: DIFFERENT VIEWS OF THE CHESAPEAKE BAY. Studies the way in which the Bay has served as the subject of observers of different times and with different concerns. Involving scientific, sociological, *and* literary treatments of the subject. The course provides an understanding not only of historical events, but also of the governmental and industrial forces that have influenced life in Maryland. Prerequisite: completion of two literature courses.

ENGL 379S — SPECIAL TOPICS IN LITERATURE: CHANGING IDEAS OF THE CITY IN WESTERN LITERATURE. Deals with the conflict between the modern tendency to think of the *fact* of cities as business centers, slums, cultural resources, etc., and the older concern with the *idea* of cities as places in which people can achieve their highest civic, political, and human potential. The imaginative significance of the city is revealed through reading some of the great "city literature" from Sophocles and Plato to Nathaniel West and George Orwell. Prerequisites: two lower level English courses.

ENGL 379T — SPECIAL TOPICS IN LITERATURE: ON ARGUMENT. This course teaches students the nature and uses of written argument by having them: 1) read some of the great arguments in history, 2) learn the theory and strategies behind these arguments and arguments in general, and 3) practice writing and criticizing arguments themselves. The readings will include works and excerpts from works by John Milton, Adam Smith, Jonathan Smith, Jeremy Bentham, John Stuart Mill, Charles Darwin, E. O. Wilson, and contemporary arguments from different forums. Students will write two short and one longer paper and take a midterm and a final.

ENGL 479A — SELECTED TOPICS IN ENGLISH AND AMERICAN LITERATURE AFTER 1800: IDEAL & REAL COMMUNITIES IN 19th CENTURY AMERICAN LITERATURE. Focuses generally on the problem of defining and developing a new nation that seeks to be an ideal regenerative community and specifically on the role of utopian ideals and the problem of sustaining those ideals as revealed in 19th century American literature. The course treats such classic authors as Cooper, Hawthorne, and Melville as well as such neglected writers as Rebecca Harding Davis, Harriet Wilson, and the anonymous women factory workers in 1840's Lowell. Prerequisite: completion of two literature courses.

FREN 478B — THEMES AND MOVEMENTS OF FRENCH LITERATURE IN TRANSLATION: AUTOBIOGRAPHICAL FICTION BY FRANCOPHONE WOMEN WRITERS. The course examines some of the many questions related to woman's experience and quest for identity. Authors will include Sand, Colette, deBeauvoir, Sarraute, Duras, Cardinal, Blais. In English. Prerequisite: Completion of USP Distributive Studies A & C requirements.

FREN 478C — THEMES AND MOVEMENTS OF FRENCH LITERATURE IN TRANSLATION: CONFLICT BETWEEN INDIVIDUAL AND SOCIETY IN FRENCH LITERATURE. Prerequisite: Junior standing; a course in literature, philosophy, or history of ideas.

FREN 479A — MASTERWORKS OF FRENCH LITERATURE IN TRANSLATION: THE LITERATURE OF EXISTENTIALISM AND THE ABSURD. Readings and discussion of masterworks of 20th century French literature with a focus on the dominant theme of anxiety. Authors include Gide, Malraux, Sartre, Camus, Beckett. Works are analyzed primarily as a reflection of philosophical ideas and historical events that have led to an awareness of the absurd and the formulation of an existentialist outlook. All work in English. Prerequisites: none.

FREN 479D — MASTERWORKS OF FRENCH LITERATURE IN TRANSLATION: IDEOLOGIES AND RELATIONS BETWEEN THE SEXES. The course examines how various ideological trends associated with certain historical periods over the last five centuries are reflected in major French literary works dealing with the relations between the sexes. The primary focus of discussion will be the notion of equality between the sexes. All work in English.

GERM 389J — TOPICS IN GERMANIC CULTURE: HONOR AS A THEME IN WESTERN LITERATURE. This course traces the concept of honor as revealed in literary and philosophical works from classical to modern times, from the *Iliad* and *Beowulf* to Schnitzler's *None But the Brave*, and Harper Lee's *To Kill a Mockingbird*. All readings in English, no previous training required. Prerequisites: a course in literature or cultural anthropology.

GERM 389R — TOPICS IN GERMANIC CULTURE: REASON AND FAITH. An examination of the basic issue of "reason and faith" with readings drawn from both classical and contemporary writers and philosophers such as Bacon, Pascal, Voltaire, Kant, Goethe, Kierkegaard, Kafka, Camus, and Russell. Discussion will center on the crucial role the concepts "reason and faith" play in the daily decision-making process. Prerequisite: an introductory course in one of the following areas: literature, philosophy, cultural anthropology, psychology, or sociology.

HIST 312A — CRISIS AND CHANGE IN THE UNITED STATES: THE CHANGING URBAN SCENE. This course explores the changing urban scene in the United States with emphasis on the effects of urbanization on values, family patterns, intergroup relations and social structure. Theories about urbanization will be considered in relation to the historical evidence regarding cities at different stages of the national development.

HIST 312B — CRISIS AND CHANGE IN THE UNITED STATES: DYNAMICS OF FEDERAL INDIAN POLICY. This course offers in-depth analysis of federal Indian policies in the United States, presenting key periods in the development of policy toward native Americans and inviting students to evaluate the moral dilemmas which shifting federal policies have posed. The course emphasizes receptivity to different cultures and values. Prerequisite: One history course.

HIST 313A — CRISIS AND CHANGE IN EUROPEAN SOCIETY: FREEDOM AND AUTHORITY. An examination from an historical perspective of the conflict between society's demands and the demands of the individual conscience. Areas covered: Ancient World, Modern Totalitarian States (Nazi Germany and the USSR), American Ideas and Experience. Prerequisites: one history course.

HIST 314A — CRISIS AND CHANGE IN THE MIDDLE EAST AND AFRICA: NATIONALISM AND NATION BUILDING IN THE MIDDLE EAST. This course acquaints students with the effect of nationalism on patterns of political conflict and accommodations in the Middle East. Readings and discussions focus on the period since World War I and the collapse of the Ottoman Empire. It explores the challenges presented to Arab and Turkish nation builders in their efforts to defend a national identity, secure full independence and establish a legitimizing national ideology supported by stable political, social and economic institutions. The special place of Iran, with its centuries-old national existence, will also be studied. Prerequisite: one history course.

HIST 316A — CRISIS AND CHANGE IN LATIN AMERICA: SLAVERY AND RACE RELATIONS. This course attempts to help students understand the similarities and differences in the slave systems and the parallel racial tensions that developed in the Americas since the sixteenth century. Emphasis will be placed upon the formation of the slave societies, the tensions caused by the abolition movements that led to the end of the slave era, and the evolutions of modern racism. Prerequisite: one history course.

HIST 458A — SPECIAL TOPICS IN WOMEN'S HISTORY: VICTORIAN WOMEN. Explores the persistence of elements of an ideology developed in one social context into another where both society and values have much changed. Scholarly emphasis on "development" in the study of ideas tends to neglect how frequently what Weber called "outmoded convictions" retain substantial social influence. By having students explore closely the development of concepts about women in the Victorian period, and the way this ideology continues to be influential in many forms of social thought today, a sense of the relationship of major vestigial social ideas to both changing socio-economic relations and reform interests will be conveyed. Prerequisite: one course in history.

NUTR 498F — DEVELOPMENT AND MODIFICATION OF FOOD HABITS. Multi-factual problems related to changing food habits: relationships between food habits and health status; strategies for changing specific food habits. Prerequisite: NUTR 100.

PHIL 308B — PHILOSOPHY OF LIFE. The course introduces students to ethical issues relevant to the way we understand and lead our lives. Questions to be discussed include: How important should morality be within an individual's concerns? How useful is life-planning in leading a good life? Is what is virtuous or good relative to one's time of life? And is it always irrational to choose less than the best? Readings will be from recent works of philosophy and psychology and certain classics of imaginative literature. Prerequisite: one course in philosophy.

PHIL 308F — PHILOSOPHICAL ASPECTS IN FEMINISM. Theoretical frameworks underlying issues of feminism, including theories for and theories against feminist conclusions. Major topics include sex/gender roles, the nature of sexuality, equal rights, pornography, abortion, the family, feminist socialism, and feminist and antifeminist positions. The final topic is the possibility of gender bias in the approach used in the course itself. Prerequisite: One course in philosophy.

PHIL 408A — TOPICS IN CONTEMPORARY PHILOSOPHY: ANALYSIS AND DESIGN OF LEGAL AND MORAL INSTITUTIONS. A study of the relationship between moral principles and the actual design and operation of social institutions and practices. The course seeks to determine whether there are foundational standards by which rules of law and/or morality can be assessed, and to determine the bearing of such standards on social mechanisms such as contracts or procedures for mediation of disputes. Prerequisite: One course in Philosophy and one course in Economics or Government and Politics.

PHIL 408L — TOPICS IN CONTEMPORARY PHILOSOPHY: RACIAL AND SEXUAL DISCRIMINATION. Central aim of the course is to re-examine the bases of our common judgements about discrimination and to work through some of the controversies about anti-discrimination policy. To carry through this aim, the course will focus on (1) the conceptual problems that impede our understanding of what discrimination is; (2) the general principles of justice and equal opportunity that are supposed to explain why discrimination by race or sex is generally wrong, and (3) the difficulties of putting into practice the elimination of discrimination. Prerequisite: one course in philosophy.

PHYS 318N — TOPICS IN CONTEMPORARY PHYSICS: THE RISKS OF NUCLEAR POWER. The physical processes involved and the current state of knowledge in such areas as demand for electricity, power plant systems and operations, the nuclear fuel cycle, properties of radioisotopes, biological effects of ionizing radiation, effects of low-level radiation, societal risks, transportation of radioactive materials, nuclear waste disposal, safety of operation of nuclear power plants, nuclear weapons proliferation and economics of electrical power production. Prerequisite: PHYS 112 or 122, or equivalent.

SOCY 498A — MEDICAL SOCIOLOGY. This course will look at health care and its relationship to the social system in which it takes place. We will examine the relationship between social factors and health; the seeking and use of health services; the profession of medicine including the physician, nurse and paraprofessional; the place of the hospital; the financing of medical care and more. Prerequisite: SOCY 100 or 105.

SOCY 498N — SOCIOLOGY OF NUCLEAR WAR. The course sets nuclear war within a specific conceptual framework of military history and social theories of war and violence. The course covers the history of strategic air and deterrence doctrines; the physics and chemistry of nuclear, chemical, biological, and recombinant DNA weapons; the effects of nuclear and catastrophic war, including social, political, economic, psychological, ecological, and semiotic; current Soviet and American scenarios for nuclear use and conventional force deployment; doctrinal and political connections between nuclear, conventional, and unconventional military options; the morality of war and how the morality itself is a function of the social organization of the production and delivery of violence. Prerequisite: SOCY 100 or 105.

SOCY 498R — WORK, FAMILY, COMMUNITY, AND FRIENDSHIP: ISSUES IN SOCIAL IDENTITY AND WELL BEING. What makes people happy and healthy? How important are ties to others in groups, a sense of community, a feeling of mattering to and caring about others? How important is objective standard of living? How do people maintain their social bonds, while preserving a sense of individual identity? How do the answers to these questions differ by gender, age, education, and race? These are some of the questions to be addressed in this course. Prerequisite: at least one course in sociology or psychology or a course on the family.

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What's New and Interesting

DISTINGUISHED SCHOLAR-TEACHER COURSES

In 1978-79 the Campus initiated the Distinguished Scholar-Teacher Program whereby outstanding scholar-teachers will offer a series of special courses with an interdisciplinary emphasis. Each of the Distinguished Scholar-Teachers offers one course open to undergraduate students regardless of major. For the Spring 1989 Semester, the course and instructor will be:

AGRO 303 — INTERNATIONAL CROP PRODUCTION (3) (Sec. 0101, MWF 2:00-2:50). Taught by Dr. David Sammons. This course is an interdisciplinary study of the problems of world hunger viewed from an agricultural perspective. The course focuses on the potential for increasing global food supply based on current agronomic knowledge. The intimate relationship between agriculture and human populations in the impoverished small-farm settings of the developing world is emphasized.

The Distinguished Scholar-Teachers represent the best instruction offered at College Park. In view of the general interest of these courses, the instructors will welcome to the classroom any member of the campus community who wishes to attend some or all of the lectures. No advance arrangements are necessary.

DEPARTMENT OF AFRO-AMERICAN STUDIES

AASP 401 — SEMINAR IN AFRO-AMERICAN STUDIES: Minority Communities and the Theories and Practices of Social and Behavioral Research (W. Sabol). A seminar exploring some seminal themes in the history, philosophy and practice of science as they relate to research on race relations. Social scientists who study the problems of the poor and of minority communities produce peculiar forms of knowledge that tend to find their way into the policy-making process in a piecemeal fashion. In spite of their use of various methods and techniques of scientific inquiry, no social scientists are immune to political biases. As far as using this knowledge to create public policies, the essential question then becomes one of distinguishing between those genuine "scientific" elements of the knowledge produced and those elements which are influenced by other considerations. In this seminar the concepts and practice of social and behavioral research will be scrutinized from philosophical, theoretical and practical perspectives. Participants will be introduced to debates on the nature of scientific inquiry after which they will review a variety of the commonly used methods. Discussions will focus on the use of social scientific methods to create, explain and propose solutions to problems confronting the black community. Of interest to students in Public Policy and Philosophy and Public Policy. Class meets Wednesdays from 2:00 to 4:30 p.m.

AASP 428A — SCIENCE, TECHNOLOGY AND THE BLACK COMMUNITY. This course explores three interrelated sets of questions concerning the impacts of scientific and technological advances on the black community. First, how have blacks contributed to the many scientific and technological advances that have proven to be effective in raising the quality of life for all people? Second, how useful or relevant are technical skills and the methods of problem solving adopted by the sciences in resolving the many problems confronting the black community? And finally, just how do technological changes affect the economic well-being of minorities? The object of the course is to stimulate students to think creatively about the underlying causes and the possible solutions to a complex set of technology-based problems confronting not only minority communities but also society as a whole. Instructor is Samuel L. Myers, Jr., Director of Afro-American Studies Program. Class meets Tuesdays from 2:00 to 4:00 p.m.

AASP 428K — SEMINAR IN PUBLIC POLICY ANALYSIS (Dr. Emmett Carson, Dr. Marilyn Lashley). This seminar applies the tools of modern policy analysis to problems confronting the black community. This course is of particular interest to students considering graduate study in Public Policy. Required for Afro-American Studies majors and the Public Policy concentration. Class meets Thursdays from 2:00 to 4:30 p.m.

AASP 428P — COMPUTER APPLICATIONS IN AFRO-AMERICAN STUDIES (T. Chan). Does welfare lift the poor out of poverty? If not, why not? Are blacks over-represented in America's prisons? If so, why? These and similar questions about the social and economic status of blacks and other minorities are largely empirical questions that can be addressed effectively using modern computer-assisted analysis. This course introduces students to some of the tools of data analysis using micro-computers that can assist in resolving some of the most difficult policy concerns facing black communities. By applying these tools to the problems of the black community, students gain in their understanding of the strengths and weaknesses of computer analysis generally while they gain a better understanding of substantive policy issues. This course is of particular interest to computer science majors and can be used to satisfy the supporting area requirement. Others with little prior exposure to computers, but with an interest in exploratory data analysis, simulation models, and the use of statistical software packages will find this course valuable. Class meets Mondays from 2:00 to 4:30 p.m.

DEPARTMENT OF AGRICULTURAL AND EXTENSION EDUCATION

AEED 489M — FIELD EXPERIENCE: MANAGEMENT, COMMUNICATIONS AND LEADERSHIP. What are your potentials and competencies in management, communications and leadership? Are your experiences and course of study focusing on these essential skills? The class will review basic management, communications and leadership concepts and methods. Practical application of these competencies will be emphasized. Each student will determine their own individual needs and strengths, tailor a series of learning experiences to strengthen their abilities and critique with the class the outcome of their efforts. We will concentrate on practical application.

NATURAL RESOURCES MANAGEMENT PROGRAM

AGRI 489 — URBAN WILDLIFE MANAGEMENT (3). A new field of wildlife management has evolved in response to the increased land development in Maryland. Urban wildlife management deals with the stresses imposed by society on wildlife, many of which become either nuisances or are faced with extinction.. This course will focus on ecology and management of wildlife in urban and urbanizing areas. It is designed for students in Natural Resources Management, General Biological Sciences, Geography, Landscape Design, Recreation, and Urban Studies. Principles and management approaches are emphasized, along with effects of urbanization on wildlife and the response of wildlife to habitat development in the metropolitan environment. Planning, design, policy and wildlife conservation are integrated into a discussion of landscape ecology. Two lectures per week and two Saturday field trips are scheduled.

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES CASS PROGRAM

BSOS-CASS — CERTIFICATE IN APPLIED SOCIAL SCIENCE. The College of Behavioral and Social Sciences offers a new undergraduate certificate program for those students interested in expanding their analytic and research skills in preparation for careers in the public and private sectors. The certificate in applied social science consists of an integrated, interdisciplinary package of courses in research and analytic methods in applied social science which is designed to complement a student's major. To qualify, students will be required to complete 21 hours of specified courses which include: an introduction to applied behavioral and social sciences, general analytic skills courses, a course in the ethics of social science research and a structured internship/practicum experience with an integrating seminar. Further information about the program is available from Dr. Barbara Altman, Program Director, Room 2108 Art/Sociology Building, X5036.

BSOS 200 — INTRODUCTION TO APPLIED BEHAVIORAL AND SOCIAL SCIENCES. This course introduces students to the uses of behavioral and social science knowledge in real life situations. Through lectures, discussions, videotapes and laboratory exercises, students will become familiar with the various methods used by social scientists as they seek to solve organizational and social problems. The emphasis will be on a multidisciplinary perspective of how social science influences social policy and thereby benefits society. Laboratory exercises will include an introduction to some basic computer analysis of social science data. No prerequisites or computer skills required.

DEPARTMENT OF CHEMICAL AND NUCLEAR ENGINEERING

ENNU 648C — RISK ASSESSMENT FOR ENGINEERS (Modarres). This course will address risk assessment procedures as well as factors affecting risk acceptance. Examples of risk analysis will include studies of passenger aircraft, refinery complexes, nuclear reactors and conventional energy sources. Several problems of current interest will be analyzed and studied in the form of class projects on risk management concepts.

ENNU 648D — SYSTEM SAFETY ENGINEERING (Raheja). This course will cover the elements of system safety engineering programs including safety criteria, safety descriptors, checklist-timeliness elements, hazard analysis, and uncertainty in safety measurements.

DEPARTMENT OF ECONOMICS

HONORS SECTIONS OF ECON 201 and 203. These sections are intended for students with better than average scholastic records and training, and those considering honors degrees and graduate school.

Permission to enroll in these (restricted) sections will be given by the Economic Advising Office, Tydings Hall 3115G, or by the General Honors program.

STATISTICS SEQUENCE. The Department will offer a one-year undergraduate sequence in econometrics: ECON 422 (Quantitative Methods in Economics I) to be taught in each term, and ECON 423 (Quantitative Methods in Economics II) in Spring 1989.

CAPSTONE COURSES: The Department will introduce three capstone courses in Spring, 1989, as part of our efforts to pursue the goals outlined in the Pease Report. The capstone courses will be advanced level seminars, entailing in-depth review of literature in an area, and the principles of research design. Students will write a seminar paper as the principal requirement of the course. In subsequent years the Department will expect to offer additional capstone courses. The Department is seeking permission to limit entry into the capstone courses to Economics majors who have completed at least 90 credit hours and who have an overall GPA of 3.0. Students enrolled in the departmental honors program may also enroll in a capstone workshop.

The Department will grant entry on a space available basis on the first day of class to students who may not meet all of the above prerequisites. Permission to enroll will be granted by Lynda McCullough, Undergraduate Economics Advisor, Tydings 3115G, or by the instructor.

ECON 398A — WORKSHOP IN PUBLIC SECTOR AND MICROECONOMICS. Prerequisite: ECON 306 or ECON 406 and one of the following: ECON 450, 454, ECON 381, ECON 385 or ECON 460. Analysis of the theory of public sector activity and public policy evaluation. Topics include public goods and governmental expenditures, intergovernmental fiscal relations, taxation, market failure and externalities, and environmental and market regulation. Students will be required to write a research paper. Limited to Economics majors who have completed 90 hours and have a cumulative GPA of 3.0.

ECON 398B — WORKSHOP IN LABOR ECONOMICS AND THE DISTRIBUTION OF INCOME. Prerequisites: ECON 306 or 406 and one of the following: ECON 370, ECON 374, ECON 375, ECON 465 or ECON 301. Analysis of the theory of labor markets, poverty and the distribution of income and opportunity, and such public policies as welfare, health care, social security, education, and employment training. Students will be required to write a research paper. Limited to Economics majors who have completed 90 hours and have a cumulative GPA of 3.0.

ECON 398C — WORKSHOP IN MACROECONOMICS AND MACROECONOMIC POLICY. Prerequisites: ECON 305 or 405 and one of the following: ECON 430, ECON 431, ECON 440, ECON 301, or ECON 402. Analysis of macro models and macroeconomics policy formulation and its evaluation. Includes the role of money, monetary and fiscal policy, productivity, international capital flows, government expenditures, expectations, and inflation in the economy and the interaction of private sector decision making and macro policy formulation. Students will be required to write a research paper. Limited to Economics majors who have completed 90 hours and have a cumulative GPA of 3.0.

DEPARTMENT OF FRENCH AND ITALIAN

FREN 340 — MODERN LITERATURE IN TRANSLATION. An introduction to major novels and plays of modern French literature, and related literary theories and movements. All work in English. USP Area C.

FREN 475 — FRENCH CINEMA: A CULTURAL APPROACH. A study of films from a variety of French-speaking cultural contexts. Format: Introduction/screenings/discussions; all work in English. (Prof. Hage)

FREN 479A — THE AGE OF ANXIETY: The Literature of Existentialism and the Absurd in 20th Century France. USP Advanced Studies. In English. (Prof. Tarica)

ITAL 410 — THE ITALIAN RENAISSANCE. A study of the major changes in traditions, ideas and values that took place at the end of the late Middle Ages. The transformation of love, fortune, politics, social responsibility, and the emphasis on individual worth as manifested in a new vision of man. In English. (Prof. Falvo)

ITAL 411 — DANTE. A study of the *Divine Comedy* and other works of Dante. In English. (Prof. Russell)

ITAL 498 — THE DON JUAN LEGEND. A study of the principal texts centered on the legend of Don Juan, from the original 16th century Spanish version through the 20th century. In English. (Prof. Russell)

DEPARTMENT OF GEOGRAPHY

GEOG 140 — COASTAL ENVIRONMENTS. Introduction to coastal environments with emphasis on U.S. East Coast. Physical and ecological systems, beach processes, waves, currents, human impacts, coastal zone management and shoreline engineering. Case studies of coastal areas, including Ocean City, MD.

GEOG 320 — NORTH AMERICA. The contemporary patterns of American and Canadian life from a regional viewpoint. The significance of the physical environment, resource use, the political framework, economic activities, demographic and socio-cultural characteristics, regional identification, and regional problems.

GEOG 323 — SOUTH AMERICA. A survey of natural environment and resources, economic development and cultural diversity of the South American Republics, with emphasis on problems and prospects of the countries.

GEOG 411 — 19th CENTURY NORTH AMERICA. An analysis of the changing geography of the U.S. and Canada from 1800 to the 1920's. The settlement, expansion and socio-economic development of the U.S. and comparisons with the Canadian experience. Immigration, economic activities, industrialization, transportation and urbanization.

GEOG 471 — CARTOGRAPHIC PRODUCTION. One hour of lecture and four hours of laboratory per week. Map making and modern methods of production and reproduction. Organization of artwork for multicolor or series map production including production planning and quality control.

GEOG 498B — BIOGEOGRAPHY. Restricted to graduate students and seniors with permission from the instructor. Geographical variation in plant morphology, physiology, life cycles and adaptive strategies in the world's major biomes. Ecological factors and the nature of local adaptation. Climate, nutrition, biotic and human factors. Role of demography in plant distribution, non-equilibrium processes and island biogeography. Community processes.

GEOG 498E — COMPUTERS AND GEOGRAPHIC EDUCATION. Experimental course for geography students and teachers. Explores educational uses of computers and video technology: historical perspective; review of technology; cognitive learning; case studies; authoring systems; software evaluation; hands-on experience.

GEOG 498G — COMPUTER GRAPHICS ON THE MICROCOMPUTER. Introduces students to some of the high-power graphic programs available for IBM microcomputers. The programs covered range from charting to CAD/CAM and are of use not only to geographers but anyone wishing to produce high-quality graphics in support of their research or class activities.

GEOG 618F — SEMINAR IN FLUVIAL GEOMORPHOLOGY. Seminar examines processes controlling the evolution and form of drainage basins and stream channels. Study of historical concepts and modern research. Course focus is on the role that equilibrium, magnitude and frequency, and distribution of energy play in controlling river form and process. Human effects on sediment transport and resultant changes in river systems. Two weekend field trips required. Prerequisites: GEOG 340 or GEOL 340 or consent of instructor.

GEOG 658R — THE REGIONALIZATION PROCESS. The regional concept has a long lineage in the history of geographic thought, principally as a descriptive device to comprehend contemporary places. Seminar treats the intellectual and practical problems of applying the regional concept to areas undergoing change during the settlement and development of North America between the 17th and the 20th centuries.

GEOG 788R — REMOTE SENSING SEMINAR.

DEPARTMENT OF GERMANIC & SLAVIC LANGUAGES & LITERATURES

GERM 280 — GERMAN-AMERICAN CULTURAL CONTRAST (Pfister). This course is designed to make the student aware of both the surface and deep cultural differences between German-speaking people and Americans. Of particular interest to those who plan to visit Germany, Austria, or Switzerland. No prerequisites; readings and instruction in English. USP Area A.

GERM 282 — GERMANIC MYTHOLOGY (Fleck). An introduction to the world of gods, giants, dwarfs, trolls, dragons, and heroes believed in by the Germanic tribes before their conversion to Christianity. Source readings from the Eddas, skaldic poetry, and the sagas. Comparison with the related mythologies of Greece and Rome, the Celts, Iran and India. No prerequisites; readings and instruction in English. USP Area A

GERM 285 — GERMAN FILM AND LITERATURE (Beicken). Study of German films from the "golden age" of the silents to the New German Cinema. Films are placed in historical context and discussed regarding cultural significance and literary quality. No prerequisites; readings and instruction in English. USP Area C.

GERM 349M — MASTERPIECES OF YIDDISH LITERATURE (Bilik). Reading and discussion of classic works of Yiddish literature. No prerequisites; readings and instruction in English.

GERM 369M — MASTERPIECES OF SCANDINAVIAN LITERATURE (Oster). No. prerequisites; readings and instruction in English.

GERM 382 — GERMAN CIVILIZATION II (Herin). The fine arts, music and literature of the German-speaking countries from about 1815 to the present; recordings, slides, selected readings. No. prerequisites; readings and instruction in English. USP Area A.

GERM 383 — THE VIKING ERA (Fleck). The lifestyle of Northern Europe in the 9th to 12th centuries. Lectures cover the history and geography of the area, the pagan religion and its mythology, runes and magic, saga and poetry, arts and crafts. Students reproduce artifacts of the period or learn skills such as handspinning, brewing, etc. No prerequisites; readings and instruction in English. USP Area A.

GERM 384 — THE AGE OF CHIVALRY (Fleck). The lifestyle of north central Europe focusing on the 12th-13th centuries. The courtly literature of the German language area is contrasted with its Celtic and Romance models and with the bawdy counter-culture of the popular and folk narrative. As a project each student handcrafts a medieval artifact or learns a period skill. No prerequisites; readings and instruction in English. USP Area A.

GERM 475 — OLD NORSE (Fleck). An introduction to the language of the Old Icelandic saga, the *Eddas*, and skaldic poetry. Texts are studied in the original; attention is given to the historical development of Old Norse and its place in the Germanic language family. No prerequisites; no previous language skills necessary.

DEPARTMENT OF MUSIC

MUSC 130 — SURVEY OF MUSIC LITERATURE (3). Satisfies USP-C requirement. Open to all students except music and music education majors. A study of the principles upon which music is based, and an introduction to the musical repertoires performed in America today. MWF 9:00, Dr. Laura Youens; MWF 10:00, Prof. Eugene W. Troth.

MUSC 340 — MUSIC LITERATURE SURVEY I (3). Satisfies Advanced Studies: Development of Knowledge requirement. Open to all students except music and music education majors. Masterpieces of the symphonic and operatic repertory, including works by Bach, Mozart, Beethoven, Brahms, Wagner, Verdi, and Debussy. Prerequisite: MUSC 130 or the equivalent. TuTh 2:00-4:00, Prof. Eugene W. Troth.

MUSC 433 — MUSIC IN WORLD CULTURES II (3). Musics of the Balkans, Africa, and South and North America analyzed in terms of musical, social, and aesthetic approaches. Prerequisite: MUSC 130 or permission of instructor. Tu 3:30-6:00, Prof. Carol E. Robertson.

MUSC 436 — JAZZ: THEN AND NOW (3). A history of Jazz from its origins to the present, including major styles and influential artists. MW 2:00-3:15, Prof. Richard Wexler.

DEPARTMENT OF HUMAN NUTRITION AND FOOD SYSTEMS

NUTR 315 — MATERNAL, INFANT AND CHILD NUTRITION. Prerequisite: NUTR 100 or NUTR 200. Understand the role of nutrition in the normal growth and development of the infant and child and in the health of the mother. Relate this knowledge to the practical aspects of diet for pregnant and lactating women, and for infants and children.

NUTR 335 — HISTORY OF NUTRITION. Prerequisite: a course in basic nutrition. Follow the history of the development of knowledge in nutrition. Study the biographies of creative nutrition researchers and learn the nature of the discovery process as well as the importance of social and cultural conditions in motivating researchers and finding solutions to nutritional problems. USP Advanced Studies — Development of Knowledge.

COLLEGE OF LIFE SCIENCES

BIOL 105 — PRINCIPLES OF BIOLOGY I. The first of a two semester course sequence in basic biological principles which is designed primarily for science majors. Biology 105 emphasizes cell and molecular biology and genetics. Approved as a lab science course for USP Distributive Studies area B. No prerequisites.

BIOL 106 — PRINCIPLES OF BIOLOGY II. The second of a two semester course sequence in basic biological principles which is designed primarily for science majors. Biology 106 emphasizes organismic, ecological, and evolutionary biology. Approved as a lab science course for USP Distributive Studies Area B. No prerequisites.

LINGUISTICS PROGRAM

LING 200 — INTRODUCTORY LINGUISTICS. (3). Ways of studying human language; basic concepts of modern linguistic analysis (sound systems, word formation, syntax, meaning). The nature of human language; the social aspects of language; language change; dialects; writing systems; language universals; etc.

LING 240 — LANGUAGE AND MIND (3). The study of language as a cognitive phenomenon. Ways of representing people's knowledge of their native language, ways in which that knowledge is attained naturally by children, and how it is used in speaking and listening. Relevant philosophical literature. Relationship to study of other cognitive abilities: reasoning, perception, sensory-motor development.

LING 440 — GRAMMARS AND COGNITION (3). Prerequisite: LING 240. Relationship between the structure, development and functioning of grammars and the structure, development and functioning of other mental systems. Interpretations of experimental and observational work on children's language, aphasia, speech production and comprehension.

DEPARTMENT OF PHILOSOPHY

PHIL 209A — WHAT IS COGNITIVE SCIENCE? An epistemological examination of the rationale for integrating psychology, philosophy, neuroscience, computer science, linguistics and other fields into the emerging discipline of cognitive science. (Edwards)

PHIL 308J — PHILOSOPHY OF LITERATURE AND FILM (Levinson)

PHIL 408C — REALISM: RECENT VIEWS (Devitt)

PHIL 408V — VIRTUE ETHICS (Slote)

PHIL 414 — PHILOSOPHY OF ARISTOTLE (R. Bolton)

PHIL 428L — LOCKE AND LEIBNIZ (M. Bolton)

PHIL 458C — REPRESENTATION AND REASONING IN COGNITIVE SCIENCE. A cognitive science treatment of mental representation and hypothesis formation. (Edwards)

PHIL 808N — PHILOSOPHY OF NEUROSCIENCE (Cherniak)

DEPARTMENT OF PHYSICS

PHYS 102 — PHYSICS OF MUSIC (3) (Dr. Dietêr Brill). Sound, acoustics, the ear, reproduction, synthesizers, musical instruments. Elementary knowledge of music notation required; no prerequisites. Together with PHYS 103, satisfies USP laboratory science requirement.

PHYS 103 — PHYSICS OF MUSIC LABORATORY (1) (Dr. Richard Berg). Pre- or co-requisite: PHYS 102 or 499C. Laboratory to accompany PHYS 102 or 499C.

PHYS 106 — LIGHT, PERCEPTION, PHOTOGRAPHY AND VISUAL PHENOMENA (3) (Dr. George Snow). Lenses, cameras, holography, physics of the eye, color vision, art and illustrations. No math. Together with PHYS 107, satisfies USP laboratory science requirement.

PHYS 107 — LIGHT, PERCEPTION, PHOTOGRAPHY AND VISUAL PHENOMENA LABORATORY (1) (Dr. George Snow). Pre- or co-requisite: PHYS 106. Optical laboratory to accompany PHYS 106. Experiments include geometrical optics, optical instruments, perception, color phenomena and wave phenomena.

PHYS 112 — PHYSICS IN THE MODERN WORLD (3) (Dr. David Falk). The second semester of a survey course in general physics emphasizing the role that physics plays in science, technology, and society today. The course is concept-oriented, and minimal use of mathematics is made. Intended for the general student; does not satisfy the requirements of the professional schools.

PHYS 177 — INTRODUCTION TO PHYSICS (4) (Dr. Young Suh Kim). One-semester survey course with laboratory intended primarily for non-science majors or science majors with little background in physics. Possible topics include Newton's laws of motion, energy, electricity and magnetism, light and optics, relativity, nuclear physics and elementary particles. Presented from the perspective of what every congressman and congresswoman should know about science and the natural world.

PHYS 499C — SPECIAL PROBLEMS IN PHYSICS: PHYSICS OF MUSIC (3). Similar to PHYS 102, but requires (non-science) background in some aspect of music production.

DEPARTMENT OF RECREATION

RECR 130 — RECREATION AND LEISURE (3) (USP D). Targets lower division students seeking basic information on social and psychological benefits of leisure involvement.

RECR 150 — CAMP COUNSELING (2). Fundamentals of camping techniques, small group interaction and enough "basics" to prepare for leadership role in a day or resident camp. Field trips required, experiential component.

RECR 335 — RECREATION AND LEISURE II (3). Directed toward upper division students having *no* prior coursework in Recreation. Overview of strategies for evaluating lifestyle and incorporating leisure activities to enhance quality of living.

RECR 351 — NATURE INTERPRETATION (3). There's more to the study of flora and fauna than Latin names! Learn how to develop programs to excite the public using natural settings for leisure activities. Interpretive talks, displays, guide trails, bug zoos and more!

RECR 426 — INDUSTRIAL-EMPLOYEE RECREATION (3). Targets *upper division* students wishing to work in business and organizational settings providing integrated employee services such as recreation, employee assistance, health promotion, etc. RECR 130 or 335 highly recommended.

RECR 450 — CAMP MANAGEMENT (3). Examines a variety of conceptual and practical aspects of campground operation from marketing to maintenance. Special emphasis on commercial campground policies and procedures.

RECR 454 — OUTDOOR EDUCATION (3). Sensitizes the individual to environmental concerns, ecological balance and natural phenomena by using the out-of-doors as a natural classroom. Hands-on, experiential learning and small group instructional techniques used.

RECR 457 — CONCEPTS AND ISSUES IN OUTDOOR RECREATION (3). Basics of outdoor recreation examined through theoretical perspectives which translate into recreational park use practices.

RECR 613 — SOURCE MATERIAL SURVEY (3). In-depth look at *qualitative* research methods appropriate to applied behavioral science disciplines. Graduate students interested in strengthening skills in historical methodology, content analysis, etc. should consider this course.

INSTITUTE FOR URBAN STUDIES

URBS 488E — HUMAN BEHAVIOR AND THE PHYSICAL ENVIRONMENT. Focuses on interrelationships between people and the physical settings in which they live and work. Emphasis is placed on the man-made environment and on ways that this environment changes and is changed by the behavior of individuals and social groups. Material is drawn from a number of disciplines including sociology, anthropology, psychology, planning and design.

URBS 488X — URBAN PROBLEMS SEMINAR. Research into one aspect of development in a specific community. Research subjects may include: land use, building form, goals and objectives of local residents and the city, and existing and future residential services.

URBS 488T — URBAN TRANSPORTATION AND TRANSIT PLANNING AND MANAGEMENT. Public transportation including general urban transit theories. Emphasis on planning, management and daily operations of urban bus systems. Students to concentrate on and gain experience in an area of particular interest by means of developing an individual work plan.

URBS 691 — PLANNING AND POLITICS. Who has power over planning decisions? How can planners use their knowledge to influence decisions? Analysis of politics of planning, with a special interest in planners' influence — what it has been and what it could be. Case studies of planning decisions are used to identify the actors who have been influential and their skills, resources, and strategies. Course looks at planners' thinking about politics — what they believe and how they are prepared to act. Social psychological studies of planners are used to identify reasons why some planners have been politically effective and others have not. Strategies for improving planners' political effectiveness.

DEPARTMENT OF WOMEN'S STUDIES

WMST 498D — PSYCHOANALYTICAL THEORIES OF WOMEN. Too often analytic theories are misunderstood, distorted, and maligned. Analytic thought has contributed much to the understanding of the human psyche — the inner and outer influences which impact upon our lives. This course will be an exploration of analytic thought, particularly as the various theories have attempted to understand the female psyche. We will use selected readings from the turn of the century through the contemporary era, including some of the current feminist writings on analytic theory. We will reflect on our own experiences and explore the progression of the evolving theories with the purpose in mind to reach an approximation of "truth" which nevertheless remains, perhaps, only a subjective reality. Those taking the course will profit most who have an open mind and are willing to explore ideas which at first may seem quite absurd or illogical. The grades will be based on two relatively short papers and two exams plus the class discussions of the readings.

DEPARTMENT OF ZOOLOGY

ZOOL 328V — VERTEBRATE ZOOLOGY. Emphasis on the evolutionary history, special adaptations to different habitats of the various vertebrate groups.

ZOOL 328Z — VERTEBRATE ZOOLOGY FIELD TRIP & LABORATORY. Co-requisite ZOOL 328V. Field work including trips to observe local vertebrate faunas.

ZOOL 413 — BIOPHYSICS. This course will be designed to expose biologists to physical concepts, techniques, and approaches to the understanding of biological phenomena. There will be an emphasis on quantization and its use in gaining insight into the processes which occur in living cells.

DEPARTMENT OF SOCIOLOGY

SOCY 411 — POPULATION II: DEMOGRAPHIC TECHNIQUES. Demography is a useful tool for understanding today's society and useful in many business and professional settings. This is a survey course on techniques that are widely used in demographic analysis. These include techniques that describe population structure, analyze demographic dynamics and evaluate demographic data. In addition, many of the analytic skills and techniques stressed throughout the course have more general applicability in social science research, business and industry. The aim of the course is to acquaint you with the nature and structure of a variety of techniques and to provide you with experience in applying these techniques to substantive problems. Although no formal prerequisites are required, some familiarity with the field of demography is assumed.

SOCY 425 — SEX ROLES AND SOCIAL INSTITUTIONS. The course focus is on the relationship between sex roles and the structure of one or more social institutions (e.g., the economy, the family, the political system, religion, education). The incorporation of sex roles into social institutions; perpetuation or transformation of sex roles by social institutions; how changing sex roles affect social institutions.

SOCY 470 — RURAL-URBAN RELATIONS. The objective of this course is to provide the general student with an introduction to the current and earlier relationships between the rural and urban populations and ways of life of this nation. The subject matter concerns a wide range of topics and problems. Among these will be: (1) the rural-urban continuum and farm communities; (2) horizontal and vertical social organization of a contemporary small town; (3) classical studies of American communities on a model of societal change; (4) traditional society in the city; (5) American philosophies of urban life.

SOCY 473 — THE CITY. Metropolitan turn-around? After a century of urban growth and rural decline, has the course of events reversed? Do rural and urban populations differ? Age, sex, education, ethnicity-urban/rural, urban areas by size, regions? Is a city a city or a congeries of natural areas? A city's averages and its census tract differences on a number of population characteristics. Where do you want to live? What constitutes the good life? How do you measure it, where do you think it is? How do you prove it? Socioeconomic, health, crime, and happiness indicators. This course provides instruction in a number of research skills of concern in urban sociology. Its goal is to provide the student with the added job-hunting edge of direct experience with data, analytic techniques, and research questions having practical utility for city, county, and state operating and planning agencies running from the provision of a public service to the search for new business and industry.

DEPARTMENT OF SPECIAL EDUCATION

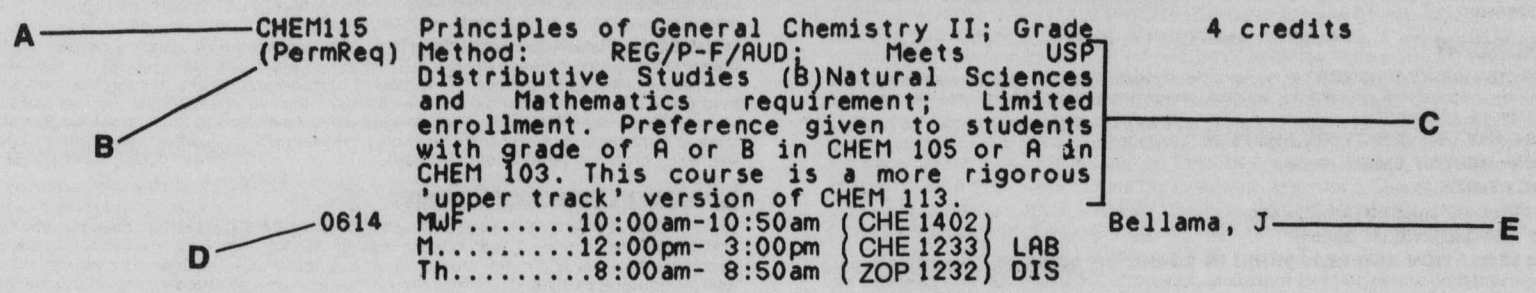
EDSP 210 — INTRODUCTION TO SPECIAL EDUCATION. Characteristics and needs of individuals who are handicapped are examined. Current issues in special education are discussed. Open to all students considering special education.

EDSP 288C — CAREER DEVELOPMENT IN SPECIAL EDUCATION. Thinking about majoring in special education . . . but unsure as to whether or not this is the "right field" for you? Sign up for EDSP 288C, Career Development in Special Education. Not only will you get a good idea of the special education field and what it's *really* like to work in this area, but you will also learn some college success skills and get the "low-down" on how to make the campus resources work for *you*.

FEBRUARY 3rd IS THE LAST DAY TO:

- **ADD A COURSE**
- **DROP A COURSE (WITHOUT A "W")**
- **CHANGE CREDIT LEVEL**
- **CHANGE GRADING OPTION**
- **APPLY FOR A MAY 1989 DIPLOMA**
- **PROCESS A LATE REGISTRATION**

HOW TO READ COURSE LISTINGS



A. Course number, title and credits.

B. Permission required — indicates course is restricted. Students planning to request restricted courses must go to the department offering the course for authorization. Students should be sure they have a department authorization stamp, on their Schedule Request Form, prior to their registration appointment.

C. Course information — outlines information such as grading methods, prerequisites, if course meets USP requirement, special requirements, and notes.

D. Section number — The first line of information next to the section number usually refers to the meeting time and room location (room location is indicated in parentheses) for the lecture segment of the course. Laboratory (LAB) and discussion (DIS) meeting times and locations are shown on the second and third lines when applicable.

E. Instructor

AASP Afro-American Studies (Behavior & Social Sci)

AASP100 Introduction to Afro-American Studies; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MW.....12:00pm-12:50pm (LEF 2205) Smead, H
F.....10:00am-10:50am (LEF 1220) DIS
0102 MW.....12:00pm-12:50pm (LEF 2205) Smead, H
F.....10:00am-10:50am (TAA 1122) DIS
0103 MW.....12:00pm-12:50pm (LEF 2205) Smead, H
F.....11:00am-11:50am (TAA 1122) DIS
0104 MW.....12:00pm-12:50pm (LEF 2205) Smead, H
F.....11:00am-11:50am (LEF 1220) DIS
0105 MW.....12:00pm-12:50pm (LEF 2205) Smead, H
F.....12:00pm-12:50pm (EGR 1106) DIS
0106 MW.....12:00pm-12:50pm (LEF 2205) Smead, H
F.....12:00pm-12:50pm (TAA 1122) DIS
0201 Tu.....7:00pm- 9:45pm (LEF 1222) Rugumamu, S

AASP202 Black Culture in the United States; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MW.....10:00am-10:50am (SHM 2102) Harley, S
F.....10:00am-10:50am (HZF 1101) DIS
0102 MW.....10:00am-10:50am (SHM 2102) Harley, S
F.....10:00am-10:50am (SKN 1106) DIS
0103 MW.....10:00am-10:50am (SHM 2102) Harley, S
F.....11:00am-11:50am (EGR 1102) DIS
0104 MW.....10:00am-10:50am (SHM 2102) Harley, S
F.....12:00pm-12:50pm (CHM 0122) DIS
0105 MW.....10:00am-10:50am (SHM 2102) Harley, S
F.....11:00am-11:50am (EGR 3108) DIS
0106 MW.....10:00am-10:50am (SHM 2102) Harley, S
F.....12:00pm-12:50pm (EGR 3108) DIS

AASP298S Special Topics in Afro-American Studies: Slavery; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (LEF 1222) Smead, H

AASP298U Special Topics in Afro-American Studies: Jazz as a Cultural Art Form; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....1:00pm- 3:40pm (SDH 3123) Williams, J

AASP300 The Black Community and Public Policy; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....7:00pm- 9:30pm (TYD 2106) STAFF

AASP312 Social and Cultural Effects of Colonization and Racism; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 1220) Rugumamu, S

AASP386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; — 3 credits
0101 Time and room to be arranged Rugumamu, S

AASP387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; — 3 credits
0101 Time and room to be arranged Rugumamu, S

AASP397 (PermReq) Senior Reading and Research Seminar in Afro-American Studies; Grade Method: REG/P-F/AUD; — 3 credits
0101 F.....12:00pm- 2:40pm (LEF 2169) Myers, S

AASP401 Seminar in Afro-American Studies; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....2:00pm- 4:30pm (LEF 1201) Sabol, W

AASP428A Special Topics in Black Development: Science and Technology in the Black Community; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....4:00pm- 6:30pm (TYD 1114) Myers, S

AASP428F Special Topics in Black Development: Women and Work; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....2:00pm- 4:40pm (LEF 1220) Harley, S

AASP428K Special Topics in Black Development: Black Development: Seminar in Public Policy Analysis; Grade Method: REG/P-F/AUD; Team taught by Dr. E. Carson and Dr. M. Lashley. — 3 credits
0101 Th.....4:00pm- 6:40pm (LEF 1208) Carson, E

AASP428P Special Topics in Black Development: Computer Applications in Afro-American Studies; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....2:00pm- 4:40pm (LEF 1222) Chan, T

AASP428T Special Topics in Black Development: Health Policy and the Black Community; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....7:00pm- 9:30pm (TYD 1118) Cornelius, L

AASP428U Special Topics in Black Development: Housing Policy and the Black Community; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....7:00pm- 9:30pm (TYD 2110) Felder, H

AEED Agricultural and Extension Education (Agriculture)

AEED302 Introduction to Agricultural Education; Grade Method: REG/AUD; — 2 credits
0101 TuTh.....10:00am-10:50am (SYM 0115) Cooper, E

AEED323 Developing Youth Programs; Grade Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 TuTh.....9:30am-10:45am (SYM 0200) Miller, M

AEED389A (PermReq) Selected Topics: Agricultural Leadership Development; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AEED389B (PermReq) Selected Topics: Advanced Leadership Procedures; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AEED464 Rural Life in Modern Society; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (SYM 0115) Longest, J

AEED466 Rural Poverty in an Affluent Society; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....5:30pm- 8:10pm (SYM 0115) Ross, P

AEED489 (PermReq) Field Experience; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

AEED489A (PermReq) Field Experience: Early Career Teachers Course; Grade Method: REG; — 3 credits
0101 Time and room to be arranged Cooper, E

AEED489B (PermReq) Field Experience: Teaching Vocational Agriculture; Grade Method: REG; Concurrent registration with AEED 302 required. — 1 credit
0101 TBA (SYM 0115) Cooper, E

AEED489M (PermReq) Field Experience: Management, Communications and Leadership; Grade Method: REG; — 3 credits
0101 TuTh.....11:00am-12:15pm (SYM 0115) Miller, M

AEED499 (PermReq) Special Problems; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AEED499G (PermReq) Special Problems: Principles of Natural Resources Management; Grade Method: REG; — 3 credits
0101 MW.....3:00pm- 4:15pm (SYM 0115) Gibson Jr., G

AEED606 Program Planning and Evaluation in Agricultural Education; Grade Method: REG/AUD; — 3 credits
0101 W.....6:00pm- 8:40pm (SYM 0115) Cooper, E

AEED627 Program Evaluation in Adult and Continuing Education; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:40pm (SYM 0115) Smith, M

AEED630 Teaching-Learning in Adult and Continuing Education; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 3236) Robertson-Tchab

AEED699 (PermReq) Special Problems; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AEED789M (PermReq) Special Topics: Adult and Extension Program Management; Grade Method: REG; — 3 credits
0101 Th.....7:00pm- 9:40pm (SYM 0115) Rivera, W

AEED789Z (PermReq) Special Topics: Policy Development in Extension/Adult Education; Grade Method: REG; — 3 credits
0101 M.....7:00pm- 9:40pm (SYM 0224) Rivera, W

AEED799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

AEED888 (PermReq) Apprenticeship in Education; Grade Method: REG; — 1-8 credits
0601 Time and room to be arranged Cooper, E

AEED889 (PermReq) Internship in Education; Grade Method: REG; — 3-8 credits
0101 Time and room to be arranged Cooper, E

AEED899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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AGRI Agriculture (Agriculture)

AGRI314 (PermReq) Biology and Management of Finfish; Grade Method: REG/P-F; One year of biology required. — 4 credits
0101 TuTh.....9:30am-10:20am (SYM 2303) Sieling, F
TuTh.....10:30am-12:30pm (SYM 2303) LAB

AGRI389 (PermReq) Internship in Natural Resources Management; Grade Method: S-F; Natural resources management majors only. — 3 credits
0101 Time and room to be arranged Gibson Jr., G

AGRI489 Special Topics in Agriculture: Urban Wildlife Managment; Grade Method: REG; — 3 credits
0101 TuTh.....8:00am- 9:15am (SYM 0200) Adams, L

AGRO Agronomy (Agriculture)

AGRO100 Crops Laboratory; Grade Method: REG/P-F/AUD; Course meets University Studies Program Distributive Studies lab-science requirement when taken with AGRO 102. — 2 credits
0101 TuTh.....12:00pm- 2:00pm (HJP 0103) LAB Slaughter, L
0103 TuTh.....2:00pm- 4:00pm (HJP 0103) LAB Slaughter, L

AGRO102 Crop Production; Grade Method: REG/P-F/AUD; Previous or concurrent registration in AGRO 100 required. — 2 credits
0101 MW.....11:00am-11:50am (HJP 2242) Slaughter, L

AGRO303 International Crop Production; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: BOTN 100 or equivalent. Taught by Dr. David Sammons, Distinguished Scholar Teacher. — 3 credits
0101 MWF.....2:00pm- 2:50pm (HJP 1104) Sammons, D

AGRO386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AGRO387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AGR0403 Crop Breeding; Grade Method: REG/P-F/AUD; Prerequisite: BOTN 414 or ZOOL 213. 3 credits
0101 TuTh.....8:45am-10:00am (HJP 1104) Kenworthy, W

AGR0407 Cereal and Oil Crops; Grade Method: REG/P-F/AUD; Previous or concurrent registration in AGRO 100 required. 3 credits
0101 MWF.....9:00am- 9:50am (HJP 1104) Slaughter, L

AGR0411 Soil Fertility Principles; Grade Method: REG/P-F/AUD; Prerequisite: AGRO 302. 3 credits
0101 MWF.....11:00am-11:50am (HJP 1104) Weil, R

AGR0413 Soil and Water Conservation; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....3:00pm- 3:50pm (HJP 1104) Hill, R

AGR0499 (PermReq) Special Problems in Agronomy; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AGR0499A Special Problems in Agronomy: Soil Judging; Grade Method: REG/AUD; 1-3 credits
0101 Sa.....8:00am-12:00pm (HJP 1104) LAB Fanning, D

AGR0499E Special Problems in Agronomy: Sustainable Agriculture; Grade Method: REG/P-F/AUD; 1-3 credits
0101 MWF.....8:00am- 8:50am (HJP 1104) Weil, R

AGR0499F Special Problems in Agronomy: Air and Soil Pollution Effects on Crops; Grade Method: REG/P-F/AUD; 1-3 credits
0101 TuTh.....3:45pm- 5:00pm (HJP 1104) Mulchi, C

AGR0608 (PermReq) Research Methods; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

AGR0608D Research Methods: Crops, Soils, and Civilization; Grade Method: REG/AUD; Taught by Dr. David Sammons, Distinguished Scholar Teacher. 1-3 credits
0101 TuTh.....1:45pm- 3:00pm (HJP 1104) James, B

AGR0608T (PermReq) Research Methods: Teaching Methods in Agronomy; Grade Method: REG/AUD; 1-4 credits
0101 Time and room to be arranged DIS STAFF

AGR0798 Agronomy Seminar; Grade Method: REG/AUD; Instructors are Weismiller and Slaughter. 1 credit
0101 M.....4:00pm- 5:00pm (HJP 1104) Weismiller, R

AGR0799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. A total of six hours required for thesis option for M.S. degree. 1-6 credits

AGR0802 Breeding For Resistance to Plant Pests; Grade Method: REG/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (HJP 1104) McIntosh, M

AGR0804 Design and Analysis of Crop Research; Grade Method: REG/AUD; 3 credits
0101 MWF.....10:00am-10:50am (HJP 1104) McIntosh, M

AGR0899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. A total of twelve hours required for Ph.D. degree. 1-8 credits

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AMST American Studies (Arts and Humanities)

AMST201 Introduction to American Studies I; Grade Method: REG/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....9:00am- 9:50am (TLF 2110) Hilbish, D
0201 MWF.....10:00am-10:50am (TLF 2108) Rogers, A
0301 MWF.....11:00am-11:50am (TLF 2108) Rogers, A
0401 MWF.....12:00pm-12:50pm (TLF 2108) Keating, A
0501 MWF.....1:00pm- 1:50pm (TLF 2108) Lachin, T
0601 MWF.....10:00am-10:50am (TLF 1102) Keating, A
0701 TuTh.....11:00am-12:15pm (TLF 2108) Metcalf, G
0901 TuTh.....12:30pm- 1:45pm (TLF 2108) Johnston, J
1001 TuTh.....12:30pm- 1:45pm (TLF 2126) Metcalf, G
1201 TuTh.....2:00pm- 3:15pm (TLF 2103) Johnston, J

AMST203 Popular Culture in America; Grade Method: REG/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....9:30am-10:45am (TLF 2126) Mintz, L

AMST204 Film and American Culture Studies; Grade Method: REG/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....11:00am-11:50am (TLF 2126) Hilbish, D

AMST205 Material Aspects of American Life; Grade Method: REG/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 2126) Sies, M

AMST206 Business and American Culture Studies; Grade Method: REG/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 2110) Lounsbury, M

AMST206H (PermReq) Business and American Culture Studies; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 Th.....4:00pm- 6:40pm (TLF 2108) Lounsbury, M

AMST330 Critics of American Culture; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (TLF 2110) Mintz, L

AMST386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AMST387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AMST398 (PermReq) Independent Studies; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

AMST418B Cultural Themes in America: Culture and Mental Disorders in Modern America; Grade Method: REG/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....11:00am-11:50am (TLF 2103) Caughey, J

AMST428D American Cultural Eras: The Great Depression; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (TLF 2103) Diner, H

AMST618B Introductory Seminar in American Studies; Grade Method: REG/AUD; 3 credits
0101 TuTh.....4:00pm- 5:30pm (TLF 2110) Sies, M

AMST629A Seminar in American Studies: Ethnography and American Culture Studies; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:40pm (TLF 2103) Caughey, J

AMST629B (PermReq) Seminar in American Studies: Popular Culture in America; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:40pm (TLF 2101) Mintz, L

AMST629K Seminar in American Studies: America at the Turn of the Century; Grade Method: REG/AUD; 3 credits
0101 M.....4:00pm- 6:40pm (TLF 2110) Diner, H

AMST639B (PermReq) Reading Course in Selected Aspects of American Civilization: Decorative Arts in America; Grade Method: REG/AUD; Smithsonian course: Contact department for meeting location. 3 credits
0101 Tu.....1:30pm- 3:30pm (Arranged) Carson, B

AMST639E Reading Course in Selected Aspects of American Civilization: Technology, Labor, and American Society; Grade Method: REG/AUD; Smithsonian course: Contact the department for location. 3 credits
0101 W.....3:00pm- 5:00pm (Arranged) Kulick, G
Time and room to be arranged DIS

AMST698 (PermReq) Directed Readings in American Studies; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

AMST799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

AMST899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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ANSC Animal Science (Agriculture)

ANSC203 Feeds and Feeding; Grade Method: REG/P-F/AUD; Prerequisites: CHEM 103 and 104. 3 credits
0101 TuTh.....1:00pm- 1:50pm (ANS 1109) Erdman, R
Th.....2:00pm- 4:00pm (ANS 1109) LAB

ANSC212 Applied Animal Physiology; Grade Method: REG/P-F/AUD; Prerequisite: ANSC 211 or equivalent. 3 credits
0101 MWF.....1:00pm- 1:50pm (CHE 2108) Alston-Mills, B

ANSC214 Applied Animal Physiology Laboratory; Grade Method: REG/P-F/AUD; Pre or corequisite: ANSC 212. 1 credit
0101 M.....2:00pm- 5:00pm (ANS 1144) LAB STAFF
0102 W.....2:00pm- 5:00pm (ANS 1144) LAB STAFF
0103 Tu.....2:00pm- 5:00pm (ANS 1144) LAB STAFF

ANSC242 Dairy Production; Grade Method: REG/P-F/AUD; Prerequisite: ANSC 101. 3 credits
0101 TuTh.....9:00am- 9:50am (CHM 0127) Majeskie, J
W.....2:00pm- 4:00pm (EPL 0101) LAB
0102 TuTh.....9:00am- 9:50am (CHM 0127) Majeskie, J
W.....10:00am-12:00pm (EPL 0101) LAB

ANSC244 Dairy Cattle Type Appraisal; Grade Method: REG/P-F/AUD; Keep Saturdays open for occasional field trips. Freshmen by permission of instructor. 1 credit
0101 Tu.....2:00pm- 2:50pm (JUL 1105) LAB Majeskie, J

ANSC262 Commercial Poultry Management; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....10:00am-10:50am (JUL 1105) STAFF
F.....10:00am-12:00pm (JUL 1105) LAB

ANSC332 Horse Management; Grade Method: REG; Prerequisite: ANSC 230. 3 credits
0101 TuTh.....12:30pm- 1:45pm (CHM 0119) Goodwin, E

ANSC370 Animal Agriculture: Scientific and Cultural Perspectives; Grade Method: REG/P-F/AUD; Prerequisite: one course in biological sciences. 3 credits
0101 TuTh.....9:30am-10:45am (CHM 0122) Young, E

ANSC386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ANSC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ANSC398 (PermReq) Seminar; Grade Method: REG/P-F/AUD; 1 credit
0101 M.....4:00pm- 4:50pm (ANS 1109) Westhoff, D

ANSC399 (PermReq) Special Problems in Animal Science; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

ANSC412 Introduction to Diseases of Animals; Grade Method: REG/P-F/AUD; Prerequisite: MICB 200 and ZOOL 101. 3 credits
0101 TuTh.....2:00pm- 3:15pm (CHM 0115) Penney, B
ANSC 414 is now AGRI 314.

ANSC415 Parasitic Diseases of Domestic Animals; Grade Method: REG/P-F/AUD; Prerequisite: ANSC 412 or equivalent 3 credits
0101 MW.....11:00am-11:50am (ANS 1144) Bradley, L
Tu.....9:00am-11:00am (ANS 1144) LAB

ANSC422 Meats; Grade Method: REG/P-F/AUD; Prerequisite: ANSC 221. 3 credits
0101 WF.....8:00am- 8:50am (ANS 1109) Bailey, E
Tu.....9:00am-12:00pm (ANS 0119) LAB
0102 WF.....8:00am- 8:50am (ANS 1109) Bailey, E
Th.....9:00am-12:00pm (ANS 0119) LAB

ANSC443 Physiology and Biochemistry of Lactation; Grade Method: REG/P-F/AUD; 3 credits
0101 MF.....9:00am-10:30am (ANS 1109) Mather, I

ANSC444 Analysis of Dairy Production Systems; Grade Method: REG/P-F/AUD; Prerequisites: AREC 306 and ANSC 203 or 401 or permission of instructor. 3 credits
0101 MWF.....11:00am-11:50am (ANS 1109) Cassel, E

ANSC604 Vitamin Nutrition; Grade Method: REG/AUD; 3 credits
0101 MW.....2:30pm- 4:00pm (JUL 1105) Soares Jr, J

ANSC660 Poultry Literature; Grade Method: REG/AUD; Time and room to be arranged 1-4 credits
0101 Doerr, J

ANSC686 Veterinary Bacteriology and Mycology; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (CHE 2120) Marquardt, W

ANSC698A Seminar: Recent Advances in Animal Science; Grade Method: REG/AUD; 1 credit
0101 W.....4:00pm- 4:50pm (JUL 1105) Alston-Mills, B

ANSC698B Seminar: Advances in Reproductive in Physiology; Grade Method: REG/AUD; 1 credit
0101 W.....4:00pm- 5:00pm (ANS 3105) Doerr, J

ANSC698C Seminar: Recent Advances - Poultry; Grade Method: REG/AUD; 1 credit
0101 M.....4:00pm- 4:50pm (ANS 3105) Doerr, J

ANSC699 (PermReq) Special Problems in Animal Science; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

ANSC799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANSC899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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ANTH Anthropology (Behavior & Social Sci)

ANTH101 Introduction to Anthropology: Archaeology and Physical Anthropology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 MWF.....11:00am-11:50am (JMZ 0220) Eidson, J
0201 TuTh.....2:00pm- 3:15pm (SHM 2102) Williams, A

ANTH101H Introduction to Anthropology: Archaeology and Physical Anthropology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (SHM 2102) Williams, A

ANTH102 Introduction to Anthropology: Cultural Anthropology and Linguistics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (WDS 1114) Gonzalez, N
0201 MWF.....10:00am-10:50am (TLF 0124) Wali, A

ANTH221 Man and Environment; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (WDS 1114) Wali, A

ANTH241 Introduction to Archaeology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (SKN 0124) Leone, M

ANTH298A Special Topics in Anthropology: Chesapeake - An Archaeology of Maryland; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....9:00am- 9:50am (SHM 2101) Shackel, P

ANTH298B Special Topics in Anthropology: The First Americans; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....9:30am-10:45am (WDS 1114) Williams, A

ANTH389A (PermReq) Research Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANTH389C Research Problems: Culture and Personality; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0201 TuTh.....2:00pm- 3:15pm (TLF 0124) Eidson, J

ANTH389D Research Problems: Writing and Ethnography; Grade Method: REG; 3 credits
0101 TuTh.....2:00pm- 3:15pm (WDS 1130) Chambers, E

ANTH389X (PermReq) Research Problems: Honors Research; Grade Method: REG; 3 credits
0101 Time and room to be arranged DIS STAFF

ANTH389Y (PermReq) Research Problems: Honors Thesis; Grade Method: REG; 3 credits
0101 Time and room to be arranged DIS STAFF

ANTH401 Cultural Anthropology: Principles and Processes; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (SKN 0124) Stuart, W

ANTH431 Social Organization of Primitive Peoples; Grade Method: REG/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (WDS 1114) Stuart, W

ANTH451 Archaeology of the New World; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....9:30am-10:45am (SKN 0124) Leone, M
0201 MWF.....2:00pm- 2:50pm (TLF 0124) Shackel, P

ANTH607 (PermReq) Methods of Cultural Analysis II; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:40pm (WDS 1131) Whitehead, T

ANTH620 (PermReq) Strategies for Cultural Understanding; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:40pm (WDS 1128) Chambers, E

ANTH630 Quantitative Approaches to Applied Anthropology; Grade Method: REG; 3 credits
0101 W.....7:00pm-10:00pm (WDS 1131) McDaniel, C

ANTH688 Current Developments in Anthropology; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Stuart, W

ANTH689A (PermReq) Special Problems in Anthropology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ANTH689K Special Problems in Anthropology: Seminar in Kinship and Social Organization; Grade Method: REG/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (WDS 1114) Stuart, W

ANTH701 (PermReq) Internship Preparation; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:40pm (WDS 1131) Gonzalez, N

ANTH705 (PermReq) Internship; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 6-12 credits

ANTH712 (PermReq) Internship Analysis; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

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APDS Applied Design (Arts and Humanities)

APDS101 Fundamentals of Design; Grade Method: REG/P-F/AUD; For pre-design (1302X), design (1302A, 1302B), fashion merchandising (1303B), textile marketing (1303E), apparel design (1303A) and landscape design (0108O) majors only. Attendance is mandatory. 3 credits
0101 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
M.....2:00pm- 3:40pm (MMH 2411) DIS
0102 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
M.....2:00pm- 3:40pm (MMH 2411) DIS
0103 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
M.....2:00pm- 3:40pm (MMH 2415) DIS
0104 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
M.....2:00pm- 3:40pm (MMH 2411) DIS
0105 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
W.....2:00pm- 3:40pm (MMH 2411) DIS
0106 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
W.....2:00pm- 3:40pm (MMH 2415) DIS
0107 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
W.....2:00pm- 3:40pm (MMH 2415) DIS
0108 F.....2:00pm- 3:40pm (MMH 1400) Dean, S
W.....2:00pm- 3:40pm (MMH 2415) DIS

APDS102 Design II; Grade Method: REG/P-F/AUD; Prerequisite: APDS 101. For pre-design, (1302X), design (1302A, 1302B), fashion merchandising (1303B),textile marketing (1303E), apparel design (1303A), and landscape design (0108O) majors only. Attendance is mandatory. 3 credits
0101 M.....9:00am-10:00am (SKN 0124) STAFF
W.....8:00am-11:00am (MMH 2411) LAB
0102 M.....9:00am-10:00am (SKN 0124) STAFF
W.....8:00am-11:00am (MMH 2415) LAB
0103 M.....9:00am-10:00am (SKN 0124) STAFF
F.....8:00am-11:00am (MMH 2411) LAB
0104 M.....9:00am-10:00am (SKN 0124) STAFF
F.....8:00am-11:00am (MMH 2415) LAB

APDS103 Design III: Three-Dimensional Design; Grade Method: REG/P-F/AUD; Prerequisite: APDS 101. Corequisite or prerequisite: APDS 102. For pre-design (1302X), design (1302A, 1302B), fashion merchandising (1303B), textile marketing (1303E), apparel design (1303A), and landscape design (0108O) majors only. Attendance is mandatory. 3 credits
0101 TuTh.....11:00am- 1:30pm (MMH 2411) LAB STAFF
0201 TuTh.....11:00am- 1:30pm (MMH 2415) LAB STAFF
0301 TuTh.....2:00pm- 4:30pm (MMH 2411) LAB STAFF
0401 TuTh.....2:00pm- 4:30pm (MMH 2415) LAB STAFF

APDS104 Survey of Design History; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Attendance is mandatory. 3 credits
0101 MWF.....9:00am- 9:50am (MMH 1400) McWhinnie, H

APDS210 Presentation Techniques I; Grade Method: REG/P-F/AUD; Prerequisite: APDS 103. Advertising design majors only. Attendance is mandatory. 3 credits
0101 MW.....4:30pm- 7:00pm (MMH 2411) LAB STAFF

APDS211 Action Drawing: Fashion Sketching; Grade 3 credits

Method: REG/P-F/AUD; Advertising design majors only. Prerequisite: APDS 101. Attendance is mandatory.
0101 MWF.....11:00am-12:40pm (MMH 2411) LAB STAFF

APDS237 Photography; Grade Method: REG/P-F/AUD; Advertising design majors only. Prerequisite: APDS 102. Attendance is mandatory. 3 credits
0101 Tu.....2:00pm- 4:30pm (MMH 0110) Jacobs, W
Th.....3:00pm- 4:30pm (MMH 0110)
Time and room to be arranged LAB

APDS320 Fashion Illustration; Grade Method: REG; Prerequisites: APDS 210, 211. Advertising design majors only. Attendance is mandatory. 3 credits
0101 Tu.....3:00pm- 4:00pm (MMH 1413) Lozner, R
Th.....1:00pm- 4:00pm (MMH 1413) LAB

APDS330 Typography and Lettering; Grade Method: REG/P-F/AUD; Prerequisite: APDS 102. Advertising design majors only. Attendance is mandatory. 3 credits
0101 F.....9:00am-10:00am (MMH 1413) Roper, J
M.....8:00am-11:00am (MMH 1413) LAB

APDS331 Advertising Layout; Grade Method. REG/P-F/AUD; Prerequisite: APDS 330. Advertising design majors only. Attendance is mandatory. 3 credits
0101 Th.....8:00am-11:00am (MMH 1413) Roper, J
Tu.....8:00am- 9:00am (MMH 1413) LAB
Time and room to be arranged LAB

APDS332 Display Design; Grade Method: REG/P-F/AUD; Prerequisite: APDS 330. Advertising design majors only. Attendance is mandatory. 3 credits
0101 M.....2:00pm- 3:30pm (MMH 0108) Ansell, J
W.....4:00pm- 7:00pm (MMH 1413) LAB
Time and room to be arranged LAB

APDS337 Advanced Photography; Grade Method: REG/P-F/AUD; Prerequisite: APDS 237. Advertising design majors only. Attendance is mandatory. 3 credits
0101 Tu.....11:00am-12:00pm (MMH 0110) Gips, C
Th.....12:00pm- 3:00pm (MMH 0110) LAB
Time and room to be arranged LAB

APDS380 Professional Seminar; Grade Method: REG/P-F/AUD; Advertising majors only. Attendance is mandatory. 3 credits
0101 Th.....11:00am-12:00pm (MMH 0108) Lozner, R
Tu.....12:00pm- 2:30pm (MMH 3418) LAB

APDS386 Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
(PermReq) Must be taken concurrently with APDS 387. Advertising design majors by portfolio review and acceptance only.
0101 Time and room to be arranged Roper, J
0201 Time and room to be arranged Gips, C
0301 Time and room to be arranged Lozner, R
0401 Time and room to be arranged Ansell, J
0601 Time and room to be arranged Thorpe, J
0701 Time and room to be arranged Davis, S

APDS387 Field Work Analysis; Grade Method: 1-3 credits
(PermReq) REG/P-F/AUD; Advertising design majors only. Must be taken with APDS 386 - use same section number.
0101 M.....1:00pm- 1:50pm (MMH 2407A) Roper, J
0201 Time and room to be arranged Gips, C
0301 Time and room to be arranged Lozner, R
0401 Time and room to be arranged Ansell, J
0601 Time and room to be arranged Thorpe, J
0701 Time and room to be arranged Davis, S

APDS430 Advanced Problems in Advertising Design; Grade Method: REG/AUD; Prerequisite: APDS 331. Advertising design majors only. Attendance is mandatory. 3 credits
0101 M.....9:00am-10:00am (MMH 1108) Thorpe, J
F.....8:00am-11:00am (MMH 1108) LAB

APDS431 Advanced Problems in Advertising Design; Grade Method: REG/P-F/AUD; Prerequisite: APDS 430. Advertising design majors only. Attendance is mandatory. 3 credits
0101 M.....12:00pm- 1:00pm (MMH 1413) STAFF
W.....1:00pm- 4:00pm (MMH 1413) LAB
Time and room to be arranged LAB
0102 M.....12:00pm- 1:00pm (MMH 1413) STAFF

M.....1:00pm- 4:00pm (MMH 1413) LAB
Time and room to be arranged LAB

APDS499A Individual Problems in Applied Design; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3-4 credits

APDS499D Individual Problems in Applied Design: Core; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3-4 credits

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ARCH Architecture (Architecture)

ARCH170 Introduction to the Built Environment; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....11:00am-11:50am (ARC 0204) Drost, U

ARCH221 History of Architecture II; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (ARC 0204) Etlin, R

ARCH242 Drawing I; Grade Method: REG/P-F/AUD; Architecture and pre-architecture majors only. Section 0104 is for Path B students only. 2 credits
0101 M.....10:00am-10:50am (ARC 1101) STAFF
W.....9:00am-10:50am (ARC 1121) LAB
0102 M.....10:00am-10:50am (ARC 1101) STAFF
W.....12:00pm- 1:50pm (ARC 1121) LAB
0103 M.....10:00am-10:50am (ARC 1101) STAFF
F.....9:00am-10:50am (ARC 1121) LAB
0104 M.....10:00am-10:50am (ARC 1101) STAFF
Tu.....7:30pm- 9:20pm (ARC 1121) LAB

ARCH343 Drawing II: Line Drawing; Grade Method: 2 credits
(PermReq) REG/P-F/AUD; Majors only.
0101 MF.....12:00pm- 2:00pm (ARC 1101) Weiss, M

ARCH386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact David Fogle for information. 1-3 credits

ARCH387 Field Work Analysis; Grade Method: 1-3 credits
(PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact David Fogle for information.

ARCH401 Architecture Studio II; Grade Method: 6 credits
(PermReq) REG/P-F/AUD; Majors only.
0101 MWF.....2:00pm- 6:00pm (ARC 0101) LAB Kelly, B
MWF.....2:00pm- 6:00pm (ARC 0204) DIS
0201 MWF.....2:00pm- 6:00pm (ARC 0101) LAB Schumacher, T
MWF.....2:00pm- 6:00pm (ARC 0204) DIS
0301 MWF.....2:00pm- 6:00pm (ARC 0101) LAB Drost, U
MWF.....2:00pm- 6:00pm (ARC 0204) DIS
0401 MWF.....2:00pm- 6:00pm (ARC 0101) LAB Dynerman, A
MWF.....2:00pm- 6:00pm (ARC 0204) DIS

ARCH403 Architecture Studio IV; Grade Method: 6 credits
(PermReq) REG/P-F/AUD; Majors only.
0101 MWF.....2:00pm- 6:00pm (ARC 0101) LAB Weiss, M
MWF.....2:00pm- 6:00pm (ARC 1101) DIS
0201 MWF.....2:00pm- 6:00pm (ARC 1103) LAB Lewis, R
MWF.....2:00pm- 6:00pm (ARC 1105) DIS
0301 MWF.....2:00pm- 6:00pm (ARC 1103) LAB Dupuy, K
MWF.....2:00pm- 6:00pm (ARC 1105) DIS
0401 MWF.....2:00pm- 6:00pm (ARC 0204) DIS STAFF

ARCH408 Selected Topics in Architecture Studio: 3-6 credits
(PermReq) Architecture Studio Elective; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. ARCH majors only. Prerequisite: ARCH 403 or equivalent. Contact S. Sachs for information.

ARCH412 Architectural Structures II; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Majors only.
0101 TuTh.....2:00pm- 3:15pm (ARC 1101) Loss, J

ARCH415 Environmental Control and Systems II; 3 credits
(PermReq) Grade Method: REG/P-F/AUD; Majors only.
0101 TuTh.....11:00am-12:15pm (ARC 1101) Thiratrakoolcha

ARCH418E Selected Topics in Architectural Science: 3 credits
(PermReq) Experimental Architecture; Grade Method: REG/P-F/AUD; Majors only.
0101 Th.....3:30pm- 6:30pm (ARC 1121) Loss, J

ARCH419 Independent Studies in Architectural 1-4 credits
(PermReq) Science; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact J. Loss for course information.

ARCH420 History of American Architecture; Grade 3 credits
(PermReq) Method: REG/P-F/AUD; Qualifies as an area B course.
0101 TuTh.....12:30pm- 1:45pm (ARC 1101) Etlin, R

ARCH422 History of Greek Architecture; Grade 3 credits
(PermReq) Method: REG/P-F/AUD; Qualifies as an Area A course.
0101 TuTh.....12:30pm- 1:45pm (ARC 1125) Vann, R

ARCH427 Theories of Architecture; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; ARCH majors only. Qualifies as a history seminar.
0101 M.....7:00pm-10:00pm (ARC 1101) Bennett Jr., R

ARCH428A Selected Topics in Architectural History; 3 credits
(PermReq) Grade Method: REG/AUD; Majors only.
0101 W.....9:00am- 9:50am (ARC 1101) Schumacher, T
F.....9:00am-10:50am (ARC 1101)

ARCH428B Selected Topics in Architectural History: 3 credits
(PermReq) Seminar in Roman Architecture; Grade Method: REG/P-F/AUD; Qualifies as a history seminar.
0101 TuTh.....9:30am-10:45am (ARC 1123) Vann, R

ARCH429 Independent Studies in Architectural 1-4 credits
(PermReq) History; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact L. Vann for course information. Majors only.

ARCH433 History of Renaissance Architecture; Grade 3 credits
(PermReq) Method: REG/P-F/AUD; Qualifies as an Area B history course. Majors only.
0101 M.....9:00am-10:50am (ARC 1103) Kelly, B
W.....10:00am-10:50am (ARC 1103)

ARCH449 Independent Studies in Visual Studies; 1-4 credits
(PermReq) Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact Stephen Sachs for information. Majors only.

ARCH450 Introduction to Urban Planning; Grade 3 credits
(PermReq) Method: REG/P-F/AUD; Majors only.
0101 TuTh.....9:30am-10:45am (ARC 1105) Fogle, D

ARCH453 Urban Problems Seminar; Grade Method: 3 credits
REG/AUD; Majors only.
0101 Th.....4:00pm- 6:30pm (LEF 1201) Brower, S

ARCH459 Independent Studies in Urban Planning; 1-4 credits
(PermReq) Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact D. Fogle for course information.

ARCH460 Site Analysis and Design; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Architecture majors only.
0101 TuTh.....9:30am-10:45am (ARC 1103) Lu, P

ARCH472 Economic Determinants in Architecture; 3 credits
(PermReq) Grade Method: REG/P-F/AUD; Majors only.
0101 M.....7:00pm-10:00pm (ARC 1121) Hill, J

ARCH478B Selected Topics in Architecture: 3 credits
(PermReq) Introduction to Landscape Architectural Design and Site Planning; Grade Method: REG/P-F/AUD;
0101 Th.....3:30pm- 6:30pm (ARC 1127) Lu, P

ARCH478C Selected Topics in Architecture: Advanced 3 credits
(PermReq) Computer Applications; Grade Method: REG/P-F/AUD;
0101 M.....11:00am-12:00pm (ARC 1127) Sachs, S
F.....11:00am- 1:00pm (ARC 1127)

ARCH479 Independent Studies in Architecture; Grade 1-4 credits
(PermReq) Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for information.

ARCH480 Problems and Methods of Architectural 3 credits
(PermReq) Preservation; Grade Method: REG/P-F/AUD; Majors only.
0101 TuTh.....2:00pm- 3:15pm (ARC 1125) Fogle, D

ARCH489 Independent Studies in Architectural 1-4 credits
(PermReq) Preservation; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact D. Fogle for course information.

ARCH600 Architecture Studio V; Grade Method: 6 credits
(PermReq) REG/AUD; Majors only.
0101 MWF.....2:00pm- 6:00pm (ARC 0102) LAB STAFF
MWF.....2:00pm- 6:00pm (ARC 1121) DIS

ARCH601 Architecture Studio VI; Grade Method: 6 credits
(PermReq) REG/AUD; Majors only.
0101 MWF.....2:00pm- 6:00pm (ARC 0102) LAB Bennett Jr., R
MWF.....2:00pm- 6:00pm (ARC 1123) DIS

ARCH610 Appropriate Technologies in Architecture; 3 credits
(PermReq) Grade Method: REG/AUD; Majors only.
0101 Tu.....3:30pm- 6:15pm (ARC 1121) Wilson, F

ARCH617 Advanced Environmental Control and 3 credits
Systems; Grade Method: REG/AUD; Majors only.
0101 TuTh.....2:00pm- 3:15pm (ARC 1103) Thiratrakoolcha

ARCH654 Urban Development and Design Theory; Grade 3 credits
(PermReq) Method: REG/AUD; Majors only.
0101 MWF.....11:00am-11:50am (ARC 1103) Dupuy, K

ARCH675 Advanced Architectural Construction and 3 credits
Materials; Grade Method: REG/AUD; Majors only.
0101 M.....12:00pm- 1:50pm (ARC 1105) Wiedemann, G
F.....1:00pm- 1:50pm (ARC 1105) LAB

ARCH678 Selected Topics in Architecture; Grade 1-6 credits
(PermReq) Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for course information. ARCH majors only.

ARCH679 Independent Studies in Architecture; Grade 1-6 credits
(PermReq) Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for information.

ARCH700 Architecture Studio VII; Grade Method: 6 credits
(PermReq) REG/AUD; Majors only.
0101 MWF.....2:00pm- 6:00pm (ARC 0102) McInturff, M
MWF.....2:00pm- 6:00pm (ARC 1127) DIS

ARCH770 Professional Practice; Grade Method: 3 credits
(PermReq) REG/AUD; Majors only.
0101 M.....12:00pm- 2:00pm (ARC 1125) Lewis, R
F.....1:00pm- 2:00pm (ARC 1125)

ARCH797 Thesis Proseminar; Grade Method: REG/AUD; 3 credits
(PermReq) Majors only.
0101 Time and room to be arranged Schlesinger, B

ARCH799 Master's Thesis Research; Grade Method: 1-6 credits
(PermReq) REG; ARCH majors only.
0101 MWF.....2:00pm- 6:00pm (ARC 0101) LAB Schlesinger, B
MWF.....2:00pm- 6:00pm (ARC 1125) DIS

AREC Agriculture and Resource Economics (Agriculture)

AREC240 Environment and Human Ecology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MW.....2:00pm- 3:15pm (SYM 0200) Lichtenberg, E

AREC250 Elements of Agricultural and Resource Economics; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (SYM 0200) Lessley, B

AREC306 Farm Management; Grade Method: REG/P-F/AUD; Please save April 8 for an all day field trip. 3 credits
0101 TuTh.....11:00am-12:15pm (SYM 0200) Lessley, B

AREC365 World Hunger, Population, and Food Supplies; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....9:30am-10:45am (ARM 0126) Rowntree, J

AREC386 Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
(PermReq)
0101 Time and room to be arranged STAFF

AREC387 Field Work Analysis; Grade Method: 1-3 credits
(PermReq) REG/P-F/AUD;
0101 Time and room to be arranged STAFF

AREC399 Special Problems; Grade Method: 1-2 credits
(PermReq) REG/P-F/AUD;
0101 Time and room to be arranged Foster, P

AREC404 Prices of Agricultural Products; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (SYM 1308) Hardie, I

AREC405 Economics of Agricultural Production; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....3:30pm- 4:45pm (SYM 2109) Bender, F

AREC427 Economics of Agricultural Marketing Systems; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (SYM 2109) Russell, J

AREC610 Microeconomic Applications in Agricultural and Resource Markets; Grade Method: REG/AUD; 3 credits
0101 MW.....11:00am-12:15pm (SYM 2109) McConnell, K

AREC615 Agricultural and Resource Economics Research Techniques; Grade Method: REG/AUD; 3 credits
0101 MW.....1:00pm- 2:15pm (SYM 2109) Bockstael, N

AREC685 Applications of Mathematical Programming in Agriculture Business and Analysis; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (SYM 1308) Hardie, I

AREC699 Special Problems in Agricultural and Resource Economics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

AREC753 Economics of Renewable Natural Resources; Grade Method: REG/AUD; 3 credits
0101 MW.....9:30am-10:45am (SYM 2109) Lichtenberg, E

AREC799 Master's Thesis Research; Grade Method: 1-6 credits
(PermReq) REG; Individual Instruction course: contact department or instructor to obtain section number.

AREC804 Advanced Agricultural Price and Demand Analysis; Grade Method: REG/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (SYM 2109) Horowitz, J

AREC859 Advanced Topics in Natural Resource Economics; Grade Method: REG/AUD; 1 credit
0101 F.....2:00pm- 4:30pm (SYM 2109) McConnell, K

AREC899 Doctoral Dissertation Research; Grade 1-8 credits
(PermReq) Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

ARHU Arts and Humanities (Arts and Humanities)

ARHU308A Critical Eras: An Interdisciplinary View: Postwar World War II Japan Through Film and Fiction; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 Tu.....2:00pm- 4:00pm (KEY 1117) Mayo, M
Th.....2:00pm- 3:00pm (KEY 1117)

ARHU386 Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged DiPaolo, T
0102 Time and room to be arranged DiPaolo, T
0103 Time and room to be arranged DiPaolo, T

ARHU387 Field Work Analysis; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged DiPaolo, T
0102 Time and room to be arranged DiPaolo, T
0103 Time and room to be arranged DiPaolo, T

ARSC Air Science

ARSC100 The Air Force Today I; Grade Method: REG/P-F/AUD; 1 credit
0101 Time and room to be arranged STAFF

ARSC101 The Air Force Today II; Grade Method: REG; An elective, but required for those freshmen desiring the four year AFROTC program. Consists of one lecture hour and one corps training period (lab) each week. All cadets ARE REQUIRED to attend the corps assembly on Jan 24 and 26 at 0800, Room 0135 of the Armory. Only cadets with class conflict at 0800 may attend at 0700. 1 credit
0101 Tu.....11:00am-11:50am (COL 3111) Hughes, P
Tu.....8:00am- 8:50am (ARM 1122) LAB
0102 Tu.....11:00am-11:50am (COL 3111) Hughes, P
Th.....7:00am- 7:50am (ARM 1122) LAB
0201 Tu.....10:00am-10:50am (COL 3111) Hughes, P
Tu.....8:00am- 8:50am (ARM 1122) LAB
0202 Tu.....10:00am-10:50am (COL 3111) Hughes, P
Th.....7:00am- 7:50am (ARM 1122) LAB
0301 Tu.....10:00am-10:50am (COL 3111) Hughes, P
Th.....8:00am- 8:50am (ARM 1122) LAB
0302 Th.....10:00am-10:50am (COL 3111) Hughes, P
Th.....7:00am- 7:50am (ARM 1122) LAB
0401 Th.....11:00am-11:50am (COL 3111) Hughes, P
Th.....8:00am- 8:50am (ARM 1122) LAB
0402 Th.....11:00am-11:50am (COL 3111) Hughes, P
Th.....7:00am- 7:50am (ARM 1122) LAB

ARSC110 Fundamentals of Flying; Grade Method: REG; This course is an elective but is designed for AFROTC juniors slated for Air Force undergraduate pilot training. This course is a lower level elective open to any freshman or sophomore. 1 credit
0101 W.....10:00am-10:50am (COL 3110) Miller, R

ARSC201 The Development of Air Power II; Grade Method: REG; An elective, but required for sophomores desiring the four year AFROTC program. Consists of one lecture hour and one corps training period (lab) each week. All cadets ARE REQUIRED to attend the corps assembly on Jan 24 and Jan 26 at 0800, Room 0135 of the Armory. Only cadets with class conflict at 0800 may attend at 0700. 1 credit
0101 Tu.....10:00am-10:50am (COL 3112) Gillespie, R
Tu.....8:00am- 8:50am (ARM 1122) LAB
0102 Tu.....10:00am-10:50am (COL 3112) Gillespie, R
Th.....7:00am- 7:50am (ARM 1122) LAB
0201 Tu.....11:00am-11:50am (COL 3112) Gillespie, R
Tu.....8:00am- 8:50am (ARM 1122) LAB
0202 Tu.....11:00am-11:50am (COL 3112) Gillespie, R
Th.....7:00am- 7:50am (ARM 1122) LAB
0301 Th.....10:00am-10:50am (COL 3112) Gillespie, R
Th.....8:00am- 8:50am (ARM 1122) LAB

0302 Th.....10:00am-10:50am (COL 3112) Gillespie, R
Th.....7:00am- 7:50am (ARM 1122) LAB
0401 Th.....11:00am-11:50am (COL 3112) Gillespie, R
Th.....8:00am- 8:50am (ARM 1122) LAB
0402 Th.....11:00am-11:50am (COL 3112) Gillespie, R
Th.....7:00am- 7:50am (ARM 1122) LAB

ARSC311 Management and Leadership II; Grade Method: REG; Consists of 3 lecture hours and one corps training (lab) period each week. Required for all juniors in AFROTC and open to university students (without lab) as elective. All cadets ARE REQUIRED to attend the corps assembly on Jan 24 and 26 at 0800, Room 0135 of the Armory. Only cadets with class conflict at 0800 may attend at 0700. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (COL 3114) Miller, R
Tu.....8:00am- 8:50am (COL 3109) LAB
0102 TuTh.....12:30pm- 1:45pm (COL 3114) Miller, R
Th.....7:00am- 7:50am (COL 3109) LAB
0401 Th.....9:00am-11:30am (COL 3114) Fields, C
Th.....8:00am- 8:50am (COL 3109) LAB
0402 Th.....9:00am-11:30am (COL 3114) Fields, C
Th.....7:00am- 7:50am (COL 3109) LAB

ARSC321 National Security Forces in Contemporary American Society II; Grade Method: REG; Consists of 3 lecture hours and one corps training (lab) period each week. Required for all seniors in AFROTC and open to university students (without lab) as elective. All cadets ARE REQUIRED to attend the assembly on Jan 24 and Jan 26 at 0800, Room 0135 of the Armory. Only cadets with class conflict at 0800 may attend at 0700. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (COL 3111) Meyer, K
Tu.....8:00am- 8:50am (COL 3109) LAB
0102 TuTh.....12:30pm- 1:45pm (COL 3111) Meyer, K
Th.....7:00am- 7:50am (COL 3109) LAB
0201 TuTh.....2:00pm- 3:15pm (COL 3111) Meyer, K
Th.....8:00am- 8:50am (COL 3109) LAB
0202 TuTh.....2:00pm- 3:15pm (COL 3111) Meyer, K
Th.....7:00am- 7:50am (COL 3109) LAB
0401 Th.....9:00am-11:30am (COL 3121) Meyer, K
Th.....8:00am- 8:50am (COL 3109) LAB
0402 Th.....9:00am-11:30am (COL 3121) Meyer, K
Th.....7:00am- 7:50am (COL 3109) LAB

ARTH Art History (Arts and Humanities)

ARTH100 Introduction to Art; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 MWF.....9:00am- 9:50am (ASY 2203) STAFF
0201 MWF.....2:00pm- 2:50pm (ASY 1213) Denny, D
0301 TuTh.....3:30pm- 4:45pm (ASY 2203) Venit, M

ARTH260 History of Art; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 MWF.....1:00pm- 1:50pm (ASY 1213) STAFF
0201 TuTh.....2:00pm- 3:15pm (ASY 2203) Spiro, M

ARTH261 History of Art; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 1213) Pressly, W
0201 MWF.....10:00am-10:50am (ASY 2203) Caswell, J

ARTH262 Arts of Asia; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; — 3 credits
0101 TuTh.....9:30am-10:45am (ASY 2309) Sandler, M

ARTH321 Masterpieces of Painting; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 3215) Rearick, W

ARTH331 Masterpieces of Sculpture; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 3211) Hargrove, J

ARTH355 Twentieth-Century Art; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 2203) Withers, J

ARTH386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ARTH387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ARTH402 Greek Art and Archaeology; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 3211) Venit, M

ARTH406 Arts of China; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ASY 3215) Kim, H

ARTH407 Arts of Japan; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 3219) Sandler, M

ARTH411 Byzantine Art, 726 - 1453; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (ASY 3215) Spiro, M

ARTH413 Medieval Art; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....12:00pm-12:50pm (ASY 3211) Denny, D

ARTH417 Northern European Painting in the 16th Century; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (ASY 3219) Caswell, J

ARTH441 19th Century European Art; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ASY 3211) Hargrove, J

ARTH451 20th Century Art; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (ASY 2309) Burnham, J

ARTH463 African Art; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 1213) Eyo, E

ARTH477 History of American Art Since 1900; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ASY 2309) Peters-Campbell

ARTH489A Special Topics in Art History; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (ASY 3211) Burnham, J

ARTH489B Special Topics in Art History; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ASY 3219) Farquhar, J

ARTH489C Special Topics in Art History; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (ASY 3211) Peters-Campbell

ARTH489D Special Topics in Art History; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 3219) Pressly, W

ARTH498 (PermReq) Directed Studies in Art History I; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 2-3 credits

ARTH499 (PermReq) Directed Studies in Art History II; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 2-3 credits

ARTH694 Museum Training Program; Grade Method: REG/AUD; — 3 credits
0101 Tu.....3:30pm- 6:10pm (ASY 4304) Owens, G

ARTH698 (PermReq) Directed Graduate Studies in Art History; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 3 credits

ARTH699A Special Topics in Art History; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:40pm (ASY 4304) Eyo, E

ARTH699B Special Topics in Art History; Grade Method: REG/AUD; Advanced special students require permission of the department. — 3 credits
0101 M.....3:30pm- 6:10pm (ASY 4304) Wheelock Jr., A

ARTH699C Special Topics in Art History; Grade Method: REG/AUD; — 3 credits
0101 W.....2:00pm- 4:40pm (ASY 4306) Withers, J

ARTH699D Special Topics in Art History; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:40pm (ASY 4304) Kim, H

ARTH699E Special Topics in Art History: The Painting of India; Grade Method: REG/AUD; — 3 credits
0101 F.....3:00pm- 5:40pm (ASY 4304) Beach, M

ARTH728 Seminar Topics in Italian Renaissance Art; Grade Method: REG/AUD; — 3 credits
0101 Th.....3:30pm- 6:10pm (ASY 4306) Rearick, W

ARTH798 (PermReq) Directed Graduate Studies in Art History; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ARTH799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ARTH899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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ARTS Art Studio (Arts and Humanities)

ARTS100 Elements of Design; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....9:30am-11:30am (ASY 2314) LAB Klank, R
0201 MW.....9:30am-11:30am (ASY 2318) LAB Klank, R
0301 MW.....12:30pm- 2:30pm (ASY 2314) LAB Krushenick, N
0401 MW.....12:30pm- 2:30pm (ASY 2318) LAB Krushenick, N
0501 MW.....3:00pm- 5:00pm (ASY 2314) LAB Demonte, C
0601 MW.....3:00pm- 5:00pm (ASY 2318) LAB Demonte, C
0701 TuTh.....9:30am-11:30am (ASY 2314) LAB STAFF
0801 TuTh.....9:30am-11:30am (ASY 2318) LAB STAFF
0901 TuTh.....12:30pm- 2:30pm (ASY 2314) LAB Lapinski, T
1001 TuTh.....12:30pm- 2:30pm (ASY 2318) LAB Lapinski, T

ARTS110 Elements of Drawing; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....9:00am-11:30am (ASY 2317) LAB STAFF
0201 MW.....9:00am-11:30am (ASY 2321) LAB STAFF
0301 MW.....12:30pm- 3:00pm (ASY 2317) LAB STAFF
0401 MW.....12:30pm- 3:00pm (ASY 2321) LAB STAFF
0501 TuTh.....9:00am-11:30am (ASY 2317) LAB Craig, P
0601 TuTh.....9:00am-11:30am (ASY 2321) LAB Craig, P
0701 TuTh.....12:30pm- 3:00pm (ASY 2317) LAB Niese, H
0801 TuTh.....12:30pm- 3:00pm (ASY 2321) LAB Niese, H
0901 TuTh.....3:00pm- 5:30pm (ASY 2317) LAB STAFF
1001 TuTh.....3:00pm- 5:30pm (ASY 2321) LAB STAFF

ARTS208A Design: Figure Modeling; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 3:00pm (ASY 1311) Blotner, P

ARTS208B Design: Intermediate Design: The Photographic Eye; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 3304) LAB Gossage, J

ARTS208C Design: Intermediate Design; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 2315) LAB Demonte, C

ARTS208D Design: Three-Dimensional Design; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....9:00am-11:30am (ASY 1314) LAB Sanborn, J

ARTS210 Intermediate Drawing; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....9:00am-11:30am (ASY 2315) LAB STAFF
0201 TuTh.....12:30pm- 3:00pm (ASY 2315) LAB STAFF
0301 TuTh.....3:00pm- 5:30pm (ASY 2315) LAB Ruppert, J

ARTS320 Elements of Painting; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 3312) LAB Gelman, E
0201 MW.....12:30pm- 3:00pm (ASY 3316) LAB Gelman, E
0301 MW.....3:00pm- 5:30pm (ASY 3312) LAB Krushenick, N
0401 MW.....12:30pm- 3:00pm (ASY 3318) LAB Klank, R
0501 TuTh.....9:00am-11:30am (ASY 3312) LAB Morrison, K
0601 TuTh.....9:00am-11:30am (ASY 3316) LAB Morrison, K

ARTS334 Elements of Sculpture: Construction; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:00am-11:30am (ASY 1314) LAB Ruppert, J

ARTS335 Elements of Sculpture: Carving; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 1314) LAB Sanborn, J

ARTS340 Elements of Printmaking: Intaglio; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....9:00am-11:30am (ASY 1317) LAB Pogue, S
0201 MW.....12:30pm- 3:00pm (ASY 1317) LAB Pogue, S
0301 TuTh.....12:30pm- 3:00pm (ASY 1317) LAB Forbes Jr., J

ARTS344 Elements of Printmaking: Lithography; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:00am-11:30am (ASY 1317) LAB Lapinski, T

ARTS386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ARTS387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ARTS418 Drawing; Grade Method: REG/P-F/AUD; Repeatable for up to 12 credits. — 3 credits
0101 TuTh.....3:00pm- 5:30pm (ASY 2322) LAB Blotner, P
0201 MW.....3:00pm- 5:30pm (ASY 2317) LAB Gelman, E

ARTS418B Drawing: Advanced Drawing: The Human Being; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 2322) LAB Truitt, A

ARTS428 Painting; Grade Method: REG/P-F/AUD; Repeatable for up to 12 credits. — 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 3318) LAB Klank, R
0201 TuTh.....9:00am-11:30am (ASY 3318) LAB Niese, H

ARTS428B Painting: Acrylic Painting; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....3:00pm- 5:30pm (ASY 3312) LAB Krushenick, N

ARTS428C Painting: Oil Painting; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 3:00pm (ASY 3318) LAB Craig, P

ARTS438A Sculpture: Bronze Casting; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 3:00pm (ASY 1310) LAB Ruppert, J

ARTS438B Sculpture: Advanced Stone Sculpture; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....3:00pm- 5:30pm (ASY 1314) LAB Sanborn, J

ARTS438D Sculpture: Wood/Mixed Media Construction; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:00am-11:30am (ASY 1311) LAB Blotner, P

ARTS448A Printmaking: Advanced Intaglio; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....9:00am-11:30am (ASY 1317) LAB Pogue, S
0201 MW.....12:30pm- 3:00pm (ASY 1317) LAB Pogue, S

ARTS448B Printmaking: Advanced Lithography; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:00am-11:30am (ASY 1317) LAB Lapinski, T

ARTS448C Printmaking: Advanced Workshop: All Media; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....3:00pm- 5:30pm (ASY 1317) LAB Forbes Jr., J

ARTS468 Advanced Seminar in Studio Art: The Interrelation of Student Work and Contemporary Art; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....9:00am-11:30am (ASY 2322) Truitt, A

ARTS489A Special Problems in Studio Arts: Figure Modeling; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 3:00pm (ASY 1311) LAB Blotner, P

ARTS489B (PermReq) Special Problems in Studio Arts: Advanced Photography Seminar; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....3:00pm- 5:30pm (ASY 3304) LAB Gossage, J

ARTS489C Special Problems in Studio Arts: Advanced Design; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 2315) LAB Demonte, C

ARTS489D Special Problems in Studio Arts: The Photographic Eye; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 3304) Gossage, J

ARTS489E Special Problems in Studio Arts: Watercolor; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 3:00pm (ASY 3304) LAB STAFF

ARTS498 (PermReq) Directed Studies in Studio Art; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. Not available as an elective. — 2-3 credits

ARTS610 (PermReq) Drawing; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ARTS620 (PermReq) Painting; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ARTS624 (PermReq) Painting; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ARTS626 (PermReq) Painting; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ARTS627 (PermReq) Painting; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ARTS630 (PermReq) Experimentation in Sculpture; Grade Method: REG/AUD; Advanced Special Students require permission of department. — 3 credits
0101 Time and room to be arranged Blotner, P
1301 Time and room to be arranged Ruppert, J
1901 Time and room to be arranged Sanborn, J

ARTS634 (PermReq) Experimentation in Sculpture; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ARTS644 Printmaking; Grade Method: REG/AUD; Advanced special students require permission of the department. — 3 credits
0401 Time and room to be arranged Forbes Jr., J
1101 Time and room to be arranged Lapinski, T
1601 Time and room to be arranged Pogue, S

ARTS646 Printmaking; Grade Method: REG/AUD; Advanced special students require permission of the department. — 3 credits
0401 Time and room to be arranged Forbes Jr., J
1101 Time and room to be arranged Lapinski, T
1601 Time and room to be arranged Pogue, S

ARTS689A (PermReq) Special Problems in Studio Art: Advanced Photography Seminar; Grade Method: REG/AUD; — 3 credits
0101 MW.....3:00pm- 5:30pm (ASY 3304) LAB Gossage, J

ARTS689B Special Problems in Studio Art: Interrelation of Graduate Work and Contemporary Art; Grade Method: REG/AUD; — 3 credits
0101 MW.....9:00am-11:30am (ASY 2322) LAB Truitt, A

ARTS698 (PermReq) Directed Graduate Studies in Studio Art; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 3 credits

ARTS798 (PermReq) Directed Graduate Studies in Studio Art; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. — 3 credits

ARTS799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

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ASTR Astronomy (Comp, Math, & Phys Sci)

ASTR100 Introduction to Astronomy; Grade Method: REG/P-F/AUD; Course meets University Studies Program Distributive Studies non-lab science and mathematics requirement. If ASTR 110A or 111 are taken at the same, or at a later time, the combination may be counted as lab science requirement. Discussion sections do not meet first week. Attend lecture before coming to discussion section. — 3 credits
0101 TuTh.....9:30am-10:45am (PHY 1412) Deming, G
0201 MWF.....9:00am- 9:50am (PHY 1412) Wentzel, D
Tu.....2:00pm- 2:50pm (CSS 1113) DIS
0202 MWF.....9:00am- 9:50am (PHY 1412) Wentzel, D
M.....12:00pm-12:50pm (CSS 1113) DIS
0203 MWF.....9:00am- 9:50am (PHY 1412) Wentzel, D
Tu.....4:00pm- 4:50pm (CSS 1113) DIS
0204 MWF.....9:00am- 9:50am (PHY 1412) Wentzel, D
Th.....2:00pm- 2:50pm (CSS 1113) DIS
0205 MWF.....9:00am- 9:50am (PHY 1412) Wentzel, D
Th.....3:00pm- 3:50pm (CSS 1113) DIS
0206 MWF.....9:00am- 9:50am (PHY 1412) Wentzel, D
W.....12:00pm-12:50pm (CSS 1113) DIS
0207 MWF.....9:00am- 9:50am (PHY 1412) Wentzel, D
F.....12:00pm-12:50pm (CSS 1113) DIS
0208 MWF.....9:00am- 9:50am (PHY 1412) Wentzel, D
F.....1:00pm- 1:50pm (CSS 1113) DIS
0301 TuTh.....11:00am-12:15pm (PHY 1412) Blitz, L
M.....11:00am-11:50am (CSS 1113) DIS
0302 TuTh.....11:00am-12:15pm (PHY 1412) Blitz, L
M.....1:00pm- 1:50pm (CSS 1113) DIS
0303 TuTh.....11:00am-12:15pm (PHY 1412) Blitz, L
Tu.....3:00pm- 3:50pm (CSS 1113) DIS
0304 TuTh.....11:00am-12:15pm (PHY 1412) Blitz, L
W.....11:00am-11:50am (CSS 1113) DIS
0305 TuTh.....11:00am-12:15pm (PHY 1412) Blitz, L
W.....1:00pm- 1:50pm (CSS 1113) DIS
0306 TuTh.....11:00am-12:15pm (PHY 1412) Blitz, L
Th.....4:00pm- 4:50pm (CSS 1113) DIS
0307 TuTh.....11:00am-12:15pm (PHY 1412) Blitz, L
F.....9:00am- 9:50am (CSS 1113) DIS
0308 TuTh.....11:00am-12:15pm (PHY 1412) Blitz, L
F.....11:00am-11:50am (CSS 1113) DIS

ASTR110 Astronomy Laboratory; Grade Method: REG/P-F; Only open to students who have taken or are currently taking ASTR 100. Labs do not meet during first week of classes. — 1 credit
0101 M.....8:00am-10:00am (CSS 1109) LAB STAFF
0102 M.....10:30am-12:30pm (CSS 1109) LAB STAFF
0103 M.....1:00pm- 3:00pm (CSS 1109) LAB STAFF
0104 M.....3:30pm- 5:30pm (CSS 1109) LAB STAFF
0105 M.....6:00pm- 8:00pm (CSS 1109) LAB STAFF
0106 Tu.....8:00am-10:00am (CSS 1109) LAB STAFF
0107 Tu.....10:30am-12:30pm (CSS 1109) LAB STAFF
0108 Tu.....1:00pm- 3:00pm (CSS 1109) LAB STAFF
0109 Tu.....3:30pm- 5:30pm (CSS 1109) LAB STAFF
0110 Tu.....6:00pm- 8:00pm (CSS 1109) LAB STAFF
0111 W.....8:00am-10:00am (CSS 1109) LAB STAFF
0112 W.....10:30am-12:30pm (CSS 1109) LAB STAFF
0113 W.....1:00pm- 3:00pm (CSS 1109) LAB STAFF
0114 W.....3:30pm- 5:30pm (CSS 1109) LAB STAFF
0115 W.....6:00pm- 8:00pm (CSS 1109) LAB STAFF
0116 Th.....8:00am-10:00am (CSS 1109) LAB STAFF
0117 Th.....10:30am-12:30pm (CSS 1109) LAB STAFF
0118 Th.....1:00pm- 3:00pm (CSS 1109) LAB STAFF
0119 Th.....3:30pm- 5:30pm (CSS 1109) LAB STAFF
0120 Th.....6:00pm- 8:00pm (CSS 1109) LAB STAFF
0121 F.....8:00am-10:00am (CSS 1109) LAB STAFF
0122 F.....10:30am-12:30pm (CSS 1109) LAB STAFF
0123 F.....1:00pm- 3:00pm (CSS 1109) LAB STAFF
0124 F.....3:30pm- 5:30pm (CSS 1109) LAB STAFF

ASTR111 Observational Astronomy Laboratory; Grade Method: REG/P-F/AUD; Open only to students — 1 credit

who have taken or are currently taking ASTR 100. First meeting is week of Jan. 30 in CSS 1109. Class normally meets at Astronomy Lecture Building.
0101 Tu.....7:30pm- 9:30pm (ALB 1101) LAB STAFF
0201 W.....7:30pm- 9:30pm (ALB 1101) LAB STAFF

ASTR200 Introductory Astronomy and Astrophysics; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (CSS 2352) Matthews, T

ASTR288 (PermReq) Special Projects in Astronomy; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. A faculty sponsor must be found by the students wishing to enroll in this course. 1-3 credits

ASTR300 Stars and Stellar Systems; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: ASTR 100 or consent of instructor. Designed primarily for non-physical science majors. Open to juniors and seniors. 3 credits
0101 MWF.....10:00am-10:50am (CSS 1113) Rose, W

ASTR330 Solar-System Astronomy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: ASTR 100 or consent of instructor. Designed primarily for non-physical science majors. Open to juniors and seniors. 3 credits
0101 TuTh.....12:30pm- 1:45pm (CSS 1113) Ahearn, M

ASTR340 Galaxies and the Universe; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: ASTR 100 or consent of instructor. Designed primarily for non-physical majors. Open to juniors and seniors. 3 credits
0101 TuTh.....11:00am-12:15pm (CSS 1113) STAFF

ASTR350 Astronomy and Astrophysics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; For science majors. 4 credits
0101 TuTh.....11:00am-12:15pm (CSS 0201) Papadopoulos, K
W.....12:00pm-12:50pm (CSS 0201) DIS

ASTR380 Life in the Universe; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: ASTR 100 or consent of instructor. Designed primarily for non-physical science majors. Open to juniors and seniors. 3 credits
0101 TuTh.....9:30am-10:45am (CSS 1113) Theison, D
0201 MWF.....2:00pm- 2:50pm (CSS 1113) Deming, G

ASTR399 Honors Seminar; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

ASTR420 Introduction to Galactic Research; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (CSS 0201) Wilson, A

ASTR430 The Solar System; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (CSS 0201) Zipoy, D

ASTR498 (PermReq) Special Problems in Astronomy; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. This course is only open to those who make prior arrangements with a member of the astronomy faculty. 1-6 credits

ASTR600 Stellar Atmospheres; Grade Method: REG/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (CSS 0201) Harrington, J

ASTR620 Galaxies; Grade Method: REG/AUD; 3 credits
0101 WF.....10:00am-11:15am (CSS 0201) Mundy, L

ASTR699 (PermReq) Special Problems in Advanced Astronomy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ASTR788 (PermReq) Selected Topics in Modern Astronomy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ASTR799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ASTR899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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BCHM Biochemistry (Life Sciences)

BCHM261 Elements of Biochemistry; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....8:00am- 9:15am (CHM 1402) Brusilow, W

BCHM361 Origins of Biochemistry; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....3:30pm- 4:45pm (CHM 1402) Holmlund, C

BCHM461 Biochemistry I; Grade Method: REG/P-F/AUD; Students who wish to attend an optional discussion session should also register for BCHM 461A. 3 credits
0101 TuTh.....9:30am-10:45am (CHM 1407) Sampugna, J

BCHM461A Biochemistry I (Optional Discussion); Grade Method: NGI; (Optional discussion session for BCHM 461.) No credit
0101 M.....11:00am-11:50am (CHM 0122) DIS STAFF
0102 W.....1:00pm- 1:50pm (CHM 0119) DIS STAFF
0103 Tu.....12:00pm-12:50pm (CHM 2201) DIS STAFF

BCHM462 Biochemistry II; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (CHM 1402) Holmlund, C

BCHM464 Biochemistry Laboratory II; Grade Method: REG/P-F/AUD; 2 credits
0101 MW.....1:00pm- 3:50pm (CHM 2225) LAB Sampugna, J
0102 TuTh.....1:00pm- 3:50pm (CHM 2225) LAB Sampugna, J

BCHM668 Special Problems in Biochemistry; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Registrants in this course must have prior approval from Dr. Gerlt. 2-4 credits

BCHM669 Special Topics in Biochemistry: Principles of Nucleic Acid Techniques; Grade Method: REG/AUD; 2 credits
0101 W.....4:00pm- 5:45pm (CHM 0124) Hansen, J

BCHM673 Regulation of Metabolism; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (CHM 2201) Dunaway-Mariano

BCHM674 Nucleic Acids; Grade Method: REG/AUD; 3 credits
0101 TuTh.....8:00am- 9:15am (CHM 2201) Julin, D

BCHM699 Special Problems in Biochemistry; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Open only to non-thesis M.S. degree candidates. 1-6 credits

BCHM799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

BCHM898A Seminar: Biochemistry Seminar; Grade Method: REG/AUD; 1 credit
0101 Tu.....11:00am-11:50am (CHM 0128) STAFF

BCHM898C Seminar: Lipid Metabolism; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged Sampugna, J

BCHM898D Seminar: Sterol Metabolism; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged Holmlund, C

BCHM898E Seminar: Xenobiotic Metabolism; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged Armstrong, R

BCHM898F Seminar: Bacterial Spores; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged Hansen, J

BCHM898G Seminar: Enzymology; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged Dunaway-Mariano

BCHM898I Seminar: Microbial Chemistry; Grade Method: REG/AUD; Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged DIS Brusilow, W

BCHM898J Seminar: Enzymatic Reaction Mechanisms; Grade Method: REG/AUD; Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged DIS Gerlt, J

BCHM899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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BIOL Biology (Life Sciences)

Note: Additional biology courses may be found under these course headings - BOTN, ENTM, MICB and ZOOL.

BIOL101 Concepts of Biology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies Non-Lab Science and Mathematics requirement. If taken with BIOL 102, course may be counted as Lab Science requirement. For non-science majors. 3 credits
0101 MWF.....12:00pm-12:50pm (HJP 0226) Motta, J

BIOL102 Laboratory in Biology; Grade Method: REG/P-F/AUD; For non-science majors. 1 credit
1003 Tu.....9:00am-12:00pm (HJP 2104) LAB STAFF
1004 Tu.....1:00pm- 4:00pm (HJP 2104) LAB STAFF
1005 W.....9:00am-12:00pm (HJP 2104) LAB STAFF
1006 W.....1:00pm- 4:00pm (HJP 2104) LAB STAFF
1007 Th.....9:00am-12:00pm (HJP 2104) LAB STAFF
1008 Th.....1:00pm- 4:00pm (HJP 2104) LAB STAFF

BIOL105 Principles of Biology I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; For science majors. 4 credits
0101 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
M.....12:00pm- 3:00pm (ZOP 0213) LAB
0102 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
M.....12:00pm- 3:00pm (ZOP 0249) LAB
0103 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
M.....3:00pm- 6:00pm (ZOP 0213) LAB
0104 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
M.....3:00pm- 6:00pm (ZOP 0249) LAB
0105 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
Tu.....9:00am-12:00pm (ZOP 0213) LAB
0106 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
Tu.....9:00am-12:00pm (ZOP 0249) LAB
0107 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
Tu.....12:00pm- 3:00pm (ZOP 0213) LAB
0108 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
Tu.....12:00pm- 3:00pm (ZOP 0249) LAB
0109 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
Tu.....3:00pm- 6:00pm (ZOP 0213) LAB
0110 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
Tu.....3:00pm- 6:00pm (ZOP 0249) LAB
0111 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
W.....8:00am-11:00am (ZOP 0213) LAB
0116 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
Th.....9:00am-12:00pm (ZOP 0213) LAB
0117 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
Th.....9:00am-12:00pm (ZOP 0249) LAB
0118 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
Th.....12:00pm- 3:00pm (ZOP 0213) LAB
0119 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
Th.....12:00pm- 3:00pm (ZOP 0249) LAB
0120 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
Th.....3:00pm- 6:00pm (ZOP 0213) LAB
0121 MWF.....11:00am-11:50am (ZOP 1240) Higgins, W
Th.....3:00pm- 6:00pm (ZOP 0249) LAB

BIOL106 Principles of Biology II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; For science majors. 4 credits
0101 MWF.....11:00am-11:50am (HJP 0226) Allan, J
M.....12:00pm- 3:00pm (ZOP 0201) LAB
0102 MWF.....11:00am-11:50am (HJP 0226) Allan, J
M.....3:00pm- 6:00pm (ZOP 0201) LAB
0103 MWF.....11:00am-11:50am (HJP 0226) Allan, J
Tu.....9:00am-12:00pm (ZOP 0201) LAB
0104 MWF.....11:00am-11:50am (HJP 0226) Allan, J
Tu.....12:00pm- 3:00pm (ZOP 0201) LAB
0105 MWF.....11:00am-11:50am (HJP 0226) Allan, J
Tu.....3:00pm- 6:00pm (ZOP 0201) LAB
0106 MWF.....11:00am-11:50am (HJP 0226) Allan, J
W.....8:00am-11:00am (ZOP 0201) LAB
0107 MWF.....11:00am-11:50am (HJP 0226) Allan, J
W.....12:00pm- 3:00pm (ZOP 0201) LAB
0108 MWF.....11:00am-11:50am (HJP 0226) Allan, J
W.....3:00pm- 6:00pm (ZOP 0201) LAB
0109 MWF.....11:00am-11:50am (HJP 0226) Allan, J
Th.....9:00am-12:00pm (ZOP 0201) LAB
0110 MWF.....11:00am-11:50am (HJP 0226) Allan, J
Th.....12:00pm- 3:00pm (ZOP 0201) LAB
0111 MWF.....11:00am-11:50am (HJP 0226) Allan, J
Th.....3:00pm- 6:00pm (ZOP 0201) LAB
0112 MWF.....11:00am-11:50am (HJP 0226) Allan, J
F.....8:00am-11:00am (ZOP 0201) LAB

BIOL398 (PermReq) Honors Research Problems in Biology; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Contact L. Berg (1225 H.J.Patterson) to obtain section number. 1-3 credits

BIOL399 (PermReq) Honors Seminar in Biology; Grade Method: REG; 1 credit
0101 F.....9:00am- 9:50am (HJP 1229) Berg, L

BIOM Biometrics (Agriculture)

BIOM301 Introduction to Biometrics; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:00pm-12:50pm (CHE 2108) Russek-Cohen, E
Tu.....1:00pm- 1:50pm (CHE 2136) DIS
0102 TuTh.....12:00pm-12:50pm (CHE 2108) Russek-Cohen, E
W.....4:00pm- 4:50pm (CHE 2136) DIS

BIOM405 Computer Applications in Biometrics; Grade Method: REG/P-F; 1 credit
0101 Th.....5:00pm- 7:00pm (ANS 1109) LAB Johnson, A

BIOM602 Biostatistics II; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (CHM 0119) Douglass, L

BIOM688A (PermReq) Topics in Biometrics: Consulting Experience in Biometrics; Grade Method: REG/AUD; 1-3 credits
0101 Time and room to be arranged Douglass, L
0201 Time and room to be arranged Russek-Cohen, E

BIOM698 (PermReq) Special Problems in Biometrics; Grade Method: REG/AUD; 1-3 credits
0101 Time and room to be arranged Douglass, L
0201 W.....4:00pm- 4:50pm (CHE 2118) Russek-Cohen, E

BIOM699 Seminar in Biometrics; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Russek-Cohen, E

BMGT Business and Management (Business and Management)

BMGT110 Introduction to Business and Management; Grade Method: REG/P-F/AUD; Not open to BMGT majors with 66 hours or more completed. 3 credits
0101 TuTh.....3:30pm- 4:45pm (TYD 0130) Simon, J

BMGT220 Principles of Accounting I; Grade Method: REG; Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. Prerequisite: sophomore standing. 3 credits
0101 MW.....3:30pm- 4:45pm (TYD 0130) STAFF
Th.....9:00am- 9:50am (TAA 1130) DIS
0102 MW.....3:30pm- 4:45pm (TYD 0130) STAFF
Th.....10:00am-10:50am (TAA 1130) DIS
0103 MW.....3:30pm- 4:45pm (TYD 0130) STAFF
Th.....11:00am-11:50am (TAA 1130) DIS
0104 MW.....3:30pm- 4:45pm (TYD 0130) STAFF
Th.....12:00pm-12:50pm (TAA 1130) DIS
0105 MW.....3:30pm- 4:45pm (TYD 0130) STAFF
Th.....1:00pm- 1:50pm (TAA 1130) DIS
0106 MW.....3:30pm- 4:45pm (TYD 0130) STAFF
Th.....2:00pm- 2:50pm (TAA 1130) DIS
0107 MW.....3:30pm- 4:45pm (TYD 0130) STAFF
F.....9:00am- 9:50am (TAA 1130) DIS
0108 MW.....3:30pm- 4:45pm (TYD 0130) STAFF
F.....10:00am-10:50am (TAA 1130) DIS
0109 MW.....3:30pm- 4:45pm (TYD 0130) STAFF
F.....11:00am-11:50am (TAA 1130) DIS
0110 MW.....3:30pm- 4:45pm (TYD 0130) STAFF
F.....12:00pm-12:50pm (TAA 1130) DIS
0111 MW.....3:30pm- 4:45pm (TYD 0130) STAFF
F.....1:00pm- 1:50pm (TAA 1130) DIS
0112 MW.....3:30pm- 4:45pm (TYD 0130) STAFF
F.....2:00pm- 2:50pm (TAA 1130) DIS

BMGT221 Principles of Accounting II; Grade Method: REG; Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. Prerequisite: BMGT 220. 3 credits
0101 MW.....5:00pm- 6:15pm (TYD 0130) STAFF
M.....9:00am- 9:50am (TAA 1130) DIS
0102 MW.....5:00pm- 6:15pm (TYD 0130) STAFF
M.....10:00am-10:50am (TAA 1130) DIS
0103 MW.....5:00pm- 6:15pm (TYD 0130) STAFF
M.....11:00am-11:50am (TAA 1130) DIS
0104 MW.....5:00pm- 6:15pm (TYD 0130) STAFF
Tu.....9:00am- 9:50am (TAA 1130) DIS
0105 MW.....5:00pm- 6:15pm (TYD 0130) STAFF
Tu.....10:00am-10:50am (TAA 1130) DIS
0106 MW.....5:00pm- 6:15pm (TYD 0130) STAFF
Tu.....11:00am-11:50am (TAA 1130) DIS
0107 MW.....5:00pm- 6:15pm (TYD 0130) STAFF
W.....9:00am- 9:50am (TAA 1130) DIS
0108 MW.....5:00pm- 6:15pm (TYD 0130) STAFF
W.....10:00am-10:50am (TAA 1130) DIS
0109 MW.....5:00pm- 6:15pm (TYD 0130) STAFF
W.....11:00am-11:50am (TAA 1130) DIS
0110 MW.....5:00pm- 6:15pm (TYD 0130) STAFF
Th.....9:00am- 9:50am (EDU 3233) DIS
0111 MW.....5:00pm- 6:15pm (TYD 0130) STAFF
Th.....10:00am-10:50am (EDU 3233) DIS
0112 MW.....5:00pm- 6:15pm (TYD 0130) STAFF
Th.....11:00am-11:50am (EDU 3233) DIS
0201 TuTh.....8:00am- 9:15am (TYD 0130) Harris, R
M.....12:00pm-12:50pm (TAA 1130) DIS
0202 TuTh.....8:00am- 9:15am (TYD 0130) Harris, R
M.....1:00pm- 1:50pm (TAA 1130) DIS
0203 TuTh.....8:00am- 9:15am (TYD 0130) Harris, R
M.....2:00pm- 2:50pm (TAA 1130) DIS
0204 TuTh.....8:00am- 9:15am (TYD 0130) Harris, R
Tu.....12:00pm-12:50pm (TAA 1130) DIS
0205 TuTh.....8:00am- 9:15am (TYD 0130) Harris, R
Tu.....1:00pm- 1:50pm (TAA 1130) DIS
0206 TuTh.....8:00am- 9:15am (TYD 0130) Harris, R
Tu.....2:00pm- 2:50pm (TAA 1130) DIS
0207 TuTh.....8:00am- 9:15am (TYD 0130) Harris, R
W.....12:00pm-12:50pm (TAA 1130) DIS
0208 TuTh.....8:00am- 9:15am (TYD 0130) Harris, R
W.....1:00pm- 1:50pm (TAA 1130) DIS
0209 TuTh.....8:00am- 9:15am (TYD 0130) Harris, R
W.....2:00pm- 2:50pm (TAA 1130) DIS
0210 TuTh.....8:00am- 9:15am (TYD 0130) Harris, R
Th.....2:00pm-12:50pm (TAA 1122) DIS
0211 TuTh.....8:00am- 9:15am (TYD 0130) Harris, R
Th.....1:00pm- 1:50pm (TAA 1122) DIS
0212 TuTh.....8:00am- 9:15am (TYD 0130) Harris, R
Th.....2:00pm- 2:50pm (TAA 1122) DIS

BMGT230 Business Statistics; Grade Method: REG; Prerequisite: MATH 220. Not open to students who have completed BMGT 231, ENEE 324, or STAT 400. Only one of following courses may be taken for credit: AREC 484, BIOM 301, BMGT 230, CNEC 400, ECON 321 (421), EDMS 451, GEOG 305, GVPT 422, PSYC 200, SOCY 201, URBS 350, or TEXT 400. Where a BMGT exam conflicts with a regularly scheduled class, the student will be provided with a makeup exam. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
M.....8:00am- 8:50am (TAA 1130) DIS
0102 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
M.....8:00am- 8:50am (TYD 0102) DIS
0103 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
Tu.....8:00am- 8:50am (TAA 1130) DIS
0104 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
Tu.....8:00am- 8:50am (TYD 0111) DIS
0105 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
Tu.....8:00am- 8:50am (TYD 0102) DIS
0106 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
Tu.....8:00am- 8:50am (TYD 2139) DIS
0107 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
Tu.....4:00pm- 4:50pm (TAA 1130) DIS
0108 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
W.....8:00am- 8:50am (TAA 1130) DIS
0109 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
W.....8:00am- 8:50am (TYD 0102) DIS
0110 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
Th.....4:00pm- 4:50pm (TAA 1130) DIS
0111 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
F.....8:00am- 8:50am (TAA 1130) DIS
0112 TuTh.....12:30pm- 1:45pm (TYD 0130) Widhelm, W
F.....8:00am- 8:50am (TYD 2109) DIS

BMGT231 Statistical Models For Business; Grade Method: REG; Prerequisite: MATH 141 or permission of department. For management science and statistics majors. Only one of the following courses can be taken for credit: BMGT 231, ENEE 324, or STAT 400. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARM 0105) Ahn, S

BMGT301 Introduction to Data Processing; Grade Method: REG; This is a restricted course for BMGT majors and students with major codes 08380 and 0803H with 53 semester hours completed. All others must have authorization form. 3 credits
0101 MW.....3:30pm- 4:45pm (SHM 2102) Chaires Jr., J
F.....9:00am- 9:50am (TYD 1118) LAB
0102 MW.....3:30pm- 4:45pm (SHM 2102) Chaires Jr., J
F.....10:00am-10:50am (TYD 1118) LAB
0103 MW.....3:30pm- 4:45pm (SHM 2102) Chaires Jr., J
F.....11:00am-11:50am (TYD 1118) LAB
0104 MW.....3:30pm- 4:45pm (SHM 2102) Chaires Jr., J
F.....12:00pm-12:50pm (TYD 1118) LAB
0201 TuTh.....8:00am- 9:15am (SKN 0200) Spear, R
F.....9:00am- 9:50am (TYD 2102) LAB
0202 TuTh.....8:00am- 9:15am (SKN 0200) Spear, R
F.....10:00am-10:50am (TYD 2102) LAB
0203 TuTh.....8:00am- 9:15am (SKN 0200) Spear, R
F.....11:00am-11:50am (TYD 2102) LAB
0204 TuTh.....8:00am- 9:15am (SKN 0200) Spear, R
F.....12:00pm-12:50pm (TYD 2102) LAB

BMGT302 Information Systems Implementation Techniques; Grade Method: REG; Prerequisite: BMGT 301 or permission of instructor. This is a restricted course for BMGT majors and students with major code 08380 with 68 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....9:30am-10:45am (JRN 1104) Wilkey, J
0201 MW.....2:00pm- 3:15pm (TYD 0117) Wilkey, J

BMGT310 Intermediate Accounting I; Grade Method: REG; Prerequisite: BMGT 221. This course is restricted to accounting majors with 53 hours completed. All others must have authorization. Where a BMGT exam conflicts with another regularly scheduled 3 credits

class, the student will be provided a makeup exam.

0101	MWF.....8:00am- 8:50am (TYD 2108)		Duvall, L
0201	MWF.....9:00am- 9:50am (TYD 2108)		Duvall, L
0301	MW.....2:00pm- 3:15pm (TYD 1140)		Huss, H
0401	MW.....3:30pm- 4:45pm (TYD 2110)		Huss, H

BMGT311 Intermediate Accounting II; Grade Method: REG; Prerequisite: BMGT 310. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. This course is restricted to accounting majors with 68 semester hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....9:30am-10:45am (HZF 1102)		Jang, J
0201	TuTh.....11:00am-12:15pm (HZF 1102)		Jang, J
0301	MW.....2:00pm- 3:15pm (TYD 1106)		STAFF

BMGT321 Cost Accounting; Grade Method: REG; Prerequisite: BMGT 221. This course is restricted to BMGT majors with 53 semester hours completed. All others must have authorization form. — 3 credits

0101	MWF.....9:00am- 9:50am (TYD 0117)		STAFF
0201	MWF.....10:00am-10:50am (TYD 2108)		STAFF
0301	TuTh.....9:30am-10:45am (TYD 2106)		Schick, A
0401	TuTh.....11:00am-12:15pm (ARC 1105)		Schick, A
0501	TuTh.....12:30pm- 1:45pm (JRN 1105)		Coate, C

BMGT323 Income Tax Accounting; Grade Method: REG; Prerequisite: BMGT 221. This course is restricted to accounting majors with 53 semester hours completed. All others must have authorization form. — 3 credits

0101	MW.....2:00pm- 3:15pm (ASY 3207)		Edelson, C
0201	MW.....3:30pm- 4:45pm (TYD 2111)		Pantalone Jr.,
0301	TuTh.....2:00pm- 3:15pm (ASY 3221)		STAFF
0401	TuTh.....3:30pm- 4:45pm (TYD 2108)		STAFF

BMGT326 Accounting Systems; Grade Method: REG; Prerequisites: BMGT 221, 301 and 321. This course is restricted to accounting majors with 74 semester hours completed. All others must have authorization form. — 3 credits

0101	MWF.....9:00am- 9:50am (TYD 0102)		Zieha, E
0201	MWF.....10:00am-10:50am (TYD 0102)		Zieha, E

BMGT332 Operations Research For Management Decisions; Grade Method: REG; Prerequisites: BMGT 230 and MATH 220. Not for management science-statistics majors. This course is restricted to BMGT majors with 54 semester hours completed. All others must have authorization form. — 3 credits

0101	MWF.....11:00am-11:50am (TYD 1140)		Fromovitz, S
0201	MWF.....12:00pm-12:50pm (TYD 2109)		Fromovitz, S
0301	MWF.....1:00pm- 1:50pm (TYD 1140)		STAFF
0401	MWF.....2:00pm- 2:50pm (TYD 0111)		STAFF
0501	TuTh.....2:00pm- 3:15pm (ASY 3215)		Dahl, R

BMGT340 Business Finance; Grade Method: REG; Prerequisites: BMGT 230 and 221. This course is restricted to BMGT majors and students with major code 0111C with 53 semester hours completed. All others must have authorization form. — 3 credits

0101	MW.....1:00pm- 1:50pm (TYD 0130)		Madan, D
	Th.....8:00am- 8:50am (TYD 1102)	DIS	
0102	MW.....1:00pm- 1:50pm (TYD 0130)		Madan, D
	Th.....9:00am- 9:50am (MMH 1304)	DIS	
0103	MW.....1:00pm- 1:50pm (TYD 0130)		Madan, D
	Th.....10:00am-10:50am (HJP 2242)	DIS	
0104	MW.....1:00pm- 1:50pm (TYD 0130)		Madan, D
	Th.....11:00am-11:50am (PHY 1402)	DIS	
0105	MW.....1:00pm- 1:50pm (TYD 0130)		Madan, D
	Th.....12:00pm-12:50pm (PHY 1402)	DIS	
0106	MW.....1:00pm- 1:50pm (TYD 0130)		Madan, D
	Th.....1:00pm- 1:50pm (PHY 1402)	DIS	
0107	MW.....1:00pm- 1:50pm (TYD 0130)		Madan, D
	F.....8:00am- 8:50am (TYD 2102)	DIS	
0108	MW.....1:00pm- 1:50pm (TYD 0130)		Madan, D
	F.....9:00am- 9:50am (LEF 1220)	DIS	
0109	MW.....1:00pm- 1:50pm (TYD 0130)		Madan, D
	F.....10:00am-10:50am (JRN 1105)	DIS	
0110	MW.....1:00pm- 1:50pm (TYD 0130)		Madan, D
	F.....11:00am-11:50am (ASY 3219)	DIS	
0111	MW.....1:00pm- 1:50pm (TYD 0130)		Madan, D
	F.....12:00pm-12:50pm (JRN 1105)	DIS	
0112	MW.....1:00pm- 1:50pm (TYD 0130)		Madan, D
	F.....1:00pm- 1:50pm (JRN 1105)	DIS	

BMGT343 Investments; Grade Method: REG; Prerequisite: BMGT 340. This course is restricted to BMGT majors with 68 semester hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....9:30am-10:45am (TYD 2108)		Chen, S
0201	TuTh.....11:00am-12:15pm (TYD 1140)		Chen, S
0301	MW.....2:00pm- 3:15pm (TYD 0102)		Price, K
0401	M.....7:00pm- 9:40pm (TYD 1114)		Odle, C

BMGT350 (PermReq) Marketing Principles and Organization; Grade Method: REG; Prerequisite: ECON 203 or ECON 205. This course is restricted to marketing majors with 53 semester hours completed. Other BMGT majors and students with major codes 0111C, 0602A, 0602F, 0803C, 0838O, 1303A, 1303B, 1303C, 1303E and 1304A must have 68 semester hours completed. All others must have authorization forms. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (TYD 0130)		Nickels, W
	M.....12:00pm-12:50pm (TYD 2108)	DIS	
0102	TuTh.....2:00pm- 3:15pm (TYD 0130)		Nickels, W
	M.....1:00pm- 1:50pm (TYD 0111)	DIS	
0103	TuTh.....2:00pm- 3:15pm (TYD 0130)		Nickels, W
	Tu.....8:00am- 8:50am (TYD 2102)	DIS	
0104	TuTh.....2:00pm- 3:15pm (TYD 0130)		Nickels, W
	Tu.....8:00am- 8:50am (TYD 2108)	DIS	
0105	TuTh.....2:00pm- 3:15pm (TYD 0130)		Nickels, W
	W.....12:00pm-12:50pm (TYD 2108)	DIS	
0106	TuTh.....2:00pm- 3:15pm (TYD 0130)		Nickels, W
	W.....1:00pm- 1:50pm (TYD 0111)	DIS	
0107	TuTh.....2:00pm- 3:15pm (TYD 0130)		Nickels, W
	W.....3:00pm- 3:50pm (TAA 1122)	DIS	
0108	TuTh.....2:00pm- 3:15pm (TYD 0130)		Nickels, W
	Th.....8:00am- 8:50am (TYD 2108)	DIS	
0109	TuTh.....2:00pm- 3:15pm (TYD 0130)		Nickels, W
	Th.....8:00am- 8:50am (TYD 2102)	DIS	
0110	TuTh.....2:00pm- 3:15pm (TYD 0130)		Nickels, W
	F.....12:00pm-12:50pm (TYD 2108)	DIS	
0111	TuTh.....2:00pm- 3:15pm (TYD 0130)		Nickels, W
	F.....1:00pm- 1:50pm (TYD 0111)	DIS	
0112	TuTh.....2:00pm- 3:15pm (TYD 0130)		Nickels, W
	F.....2:00pm- 2:50pm (TYD 2102)	DIS	

BMGT353 Retail Management; Grade Method: REG; Prerequisite: BMGT 220 and 350. This course is restricted to BMGT majors and secondary education - marketing majors (0803C) with 68 semester hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....11:00am-12:15pm (TYD 2108)		Jolson, M
0201	TuTh.....12:30pm- 1:45pm (TYD 2108)		Jolson, M

BMGT354 Promotion Management; Grade Method: REG; Prerequisite: BMGT 350. This course is restricted to BMGT majors and students with major codes 0803C, 0602A, 0602F, 1303B, 1303C, 1303E and 1304A with 68 semester hours completed. All others must have authorization form. — 3 credits

0101	MWF.....9:00am- 9:50am (TYD 1140)		Chattalas, M
0201	MWF.....10:00am-10:50am (TYD 1140)		Chattalas, M
0301	Th.....6:30pm- 9:00pm (TYD 0117)		Poist, H
0401	TuTh.....2:00pm- 3:15pm (TYD 2109)		Swope, D

BMGT360 Personnel Management; Grade Method: REG; This course is open to all students with 53 semester hours completed. — 3 credits

0101	TuTh.....9:30am-10:45am (TYD 0130)		STAFF
	M.....8:00am- 8:50am (TYD 1118)	LAB	
0102	TuTh.....9:30am-10:45am (TYD 0130)		STAFF
	M.....12:00pm-12:50pm (TYD 0111)	LAB	
0103	TuTh.....9:30am-10:45am (TYD 0130)		STAFF
	M.....3:00pm- 3:50pm (TYD 2106)	LAB	
0104	TuTh.....9:30am-10:45am (TYD 0130)		STAFF
	W.....12:00pm-12:50pm (TYD 0111)	LAB	
0105	TuTh.....9:30am-10:45am (TYD 0130)		STAFF
	W.....1:00pm- 1:50pm (TYD 2140)	LAB	
0106	TuTh.....9:30am-10:45am (TYD 0130)		STAFF
	W.....3:00pm- 3:50pm (TYD 2106)	LAB	
0107	TuTh.....9:30am-10:45am (TYD 0130)		STAFF
	Th.....8:00am- 8:50am (TYD 0102)	LAB	
0108	TuTh.....9:30am-10:45am (TYD 0130)		STAFF
	Th.....8:00am- 8:50am (TYD 0111)	LAB	
0109	TuTh.....9:30am-10:45am (TYD 0130)		STAFF
	F.....8:00am- 8:50am (TYD 0102)	LAB	
0110	TuTh.....9:30am-10:45am (TYD 0130)		STAFF
	F.....12:00pm-12:50pm (TYD 0111)	LAB	
0111	TuTh.....9:30am-10:45am (TYD 0130)		STAFF
	F.....1:00pm- 1:50pm (TYD 1118)	LAB	
0112	TuTh.....9:30am-10:45am (TYD 0130)		STAFF
	F.....2:00pm- 2:50pm (TYD 1118)	LAB	

BMGT362 Labor Relations; Grade Method: REG; This course is restricted to BMGT majors and students with major codes 0839A and 1307A with 53 semester hours completed. All others must have authorization form . — 3 credits

0101	TuTh.....8:00am- 9:15am (TYD 1140)		Kovach, K
0201	TuTh.....9:30am-10:45am (TYD 1140)		Kovach, K

BMGT364 Management and Organization Theory; Grade Method: REG; This course is restricted to BMGT majors and students with major codes 0111O, 0111C, 1303B, 1303C,and 1303E with 53 semester hours completed. All others must have authorization form. — 3 credits

0101	MW.....2:00pm- 3:15pm (TYD 0130)		Bartol, K
	M.....8:00am- 8:50am (TYD 0117)	LAB	
0102	MW.....2:00pm- 3:15pm (TYD 0130)		Bartol, K
	M.....3:00pm- 3:50pm (TYD 1108)	LAB	
0103	MW.....2:00pm- 3:15pm (TYD 0130)		Bartol, K
	M.....4:00pm- 4:50pm (TYD 1108)	LAB	
0104	MW.....2:00pm- 3:15pm (TYD 0130)		Bartol, K
	W.....8:00am- 8:50am (TYD 0117)	LAB	
0105	MW.....2:00pm- 3:15pm (TYD 0130)		Bartol, K
	W.....8:00am- 8:50am (TYD 1118)	LAB	
0106	MW.....2:00pm- 3:15pm (TYD 0130)		Bartol, K
	W.....3:00pm- 3:50pm (TYD 1108)	LAB	
0107	MW.....2:00pm- 3:15pm (TYD 0130)		Bartol, K
	W.....4:00pm- 4:50pm (TYD 1108)	LAB	
0108	MW.....2:00pm- 3:15pm (TYD 0130)		Bartol, K
	F.....8:00am- 8:50am (TYD 0117)	LAB	
0109	MW.....2:00pm- 3:15pm (TYD 0130)		Bartol, K
	F.....8:00am- 8:50am (TYD 1118)	LAB	
0110	MW.....2:00pm- 3:15pm (TYD 0130)		Bartol, K
	F.....2:00pm- 2:50pm (TYD 0117)	LAB	
0111	MW.....2:00pm- 3:15pm (TYD 0130)		Bartol, K
	F.....3:00pm- 3:50pm (TYD 0117)	LAB	
0112	MW.....2:00pm- 3:15pm (TYD 0130)		Bartol, K
	F.....3:00pm- 3:50pm (TYD 1108)	LAB	

BMGT370 Principles of Transportation; Grade Method: REG; Prerequisite: ECON 203 or 205. This course open to all students with 53 semester hours completed. — 3 credits

0101	MWF.....9:00am- 9:50am (WDS 1114)		Kling, J
0201	TuTh.....2:00pm- 3:15pm (HZF 1102)		Dresner, M
0301	TuTh.....3:30pm- 4:45pm (TYD 2109)		Dresner, M

BMGT372 Traffic and Physical Distribution Management; Grade Method: REG; Not open for credit to students who have credit for BMGT 371. This course is restricted to BMGT majors with 53 semester hours completed. — 3 credits

0101	MWF.....10:00am-10:50am (TYD 1101)		Jarrell, J
0201	MWF.....11:00am-11:50am (TYD 2106)		Jarrell, J
0301	TuTh.....2:00pm- 3:15pm (TLF 0101)		Grimm, C
0401	TuTh.....3:30pm- 4:45pm (TLF 0101)		Grimm, C

BMGT380 Business Law I; Grade Method: REG; This course is restricted to BMGT majors and students with major codes 0111C, 0803C, 0803H and 0838O with 53 semester hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....9:30am-10:45am (TYD 0117)		Beach, J
0201	TuTh.....2:00pm- 3:15pm (TYD 0117)		Beach, J
0301	TuTh.....3:30pm- 4:45pm (TYD 0117)		Beach, J
0401	MW.....3:30pm- 4:45pm (TYD 0117)		STAFF

BMGT381 Business Law II; Grade Method: REG; Prerequisite: BMGT 380. This course is restricted to BMGT majors with 68 semester hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....8:00am- 9:15am (TYD 0117)		Harman, J

BMGT385 Production Management; Grade Method: REG; This course is restricted to BMGT majors and students with major code 0839A and 0111C with 53 semester hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (JRN 1104)		Assad, A

BMGT386 (PermReq) Field Work; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BMGT387 (PermReq) Field Work Analysis; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BMGT392 Introduction to International Business Management; Grade Method: REG; Restricted to BMGT majors with 68 semester hours completed. All others must have authorization form. — 3 credits

0101	MWF.....11:00am-11:50am (TYD 0102)		Garbuny, S

BMGT398 (PermReq) Individual Study in Business and Management; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BMGT402 Database and Data Communication Systems; Grade Method: REG; Prerequisite: BMGT 302. This course is restricted to BMGT majors with 66 semester hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (JMZ 2206)		Yao, S

BMGT403 Systems Analysis; Grade Method: REG; Restricted to BMGT majors only with 85 semester hours completed. Prerequisite: BMGT 402. — 3 credits

0101	W.....6:00pm- 8:40pm (TYD 1140)		Ring, S

BMGT404 Seminar in Decision Support Systems; Grade Method: REG; Prerequisite: BMGT 301. Restricted to BMGT majors with 72 semester hours completed. — 3 credits

0101	TuTh.....3:30pm- 4:45pm (TYD 2102)		Basu, A

BMGT417 Advanced Tax Accounting; Grade Method: REG; Prerequisite: BMGT 311 and 323. This course is restricted to accounting majors with 87 semester hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (TYD 1140)		Harris, R
0201	TuTh.....2:00pm- 3:15pm (TYD 1140)		Harris, R

BMGT420 Undergraduate Accounting Seminar; Grade Method: REG; For accounting majors only with 87 semester hours completed. All others must have permission to enroll. — 3 credits

0101	MW.....3:30pm- 4:45pm (TYD 0101)		Loeb, S

BMGT422 Auditing Theory and Practice; Grade Method: REG; Prerequisite: BMGT 311. This is a restricted course for accounting majors. All other majors must have authorization form. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (TYD 0111)		STAFF
0201	TuTh.....2:00pm- 3:15pm (HZF 1106)		STAFF
0301	M.....7:00pm- 9:40pm (TYD 0111)		STAFF

BMGT424 Advanced Accounting; Grade Method: REG; Prerequisite: BMGT 311. This is a restricted course for accounting majors. All other majors must have authorization form. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. — 3 credits

0101	MWF.....8:00am- 8:50am (TYD 0111)		Manchester, J
0201	MWF.....9:00am- 9:50am (TYD 0111)		Manchester, J

BMGT430 Linear Statistical Models in Business; Grade Method: REG; Prerequisite: BMGT 230. This course is restricted to BMGT majors with 87 semester hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (TYD 2109)		Kotz, S
0201	MW.....2:00pm- 3:15pm (ARM 0110)		Alt, F

BMGT434 Introduction to Optimization Theory; Grade Method: REG; Prerequisite: MATH 220 and BMGT 230. (For management science-statistics). This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (TYD 2102)		STAFF
	Tu.....12:00pm-12:50pm (TAA 1122)	DIS	

BMGT435 Introduction to Applied Probability Models; Grade Method: REG; Prerequisite: BMGT 231 or by permission of instructor. This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....9:30am-10:45am (TYD 0102)		STAFF
	Th.....12:00pm-12:50pm (PHY 0405)	DIS	

BMGT440 Financial Management; Grade Method: REG; Prerequisite: BMGT 340. This course is restricted to BMGT majors with 85 semester hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....9:30am-10:45am (TLF 0101)		Price, K
0201	MW.....5:30pm- 6:45pm (TYD 0111)		Soubra, B
0301	Tu.....7:00pm- 9:40pm (TYD 1140)		Embersit, J
0401	Th.....7:00pm- 9:40pm (TYD 1128)		Bhaumik, A

BMGT443 Security Analysis and Valuation; Grade Method: REG; Prerequisite: BMGT 343. This course is restricted to BMGT majors with 85 semester hours completed. All others must have authorization form. — 3 credits

0101	MW.....2:00pm- 3:15pm (TYD 2109)		Haslem, J

BMGT444 Futures Contracts and Options; Grade Method: REG; Prerequisite: BMGT 343. This course is restricted to finance majors with 72 semester hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....8:00am- 9:15am (TYD 1118)		Tosini, P
0201	TuTh.....3:30pm- 4:45pm (TYD 2106)		Chang, E

BMGT445 Commercial Bank Management; Grade Method: REG; Prerequisites: BMGT 340 and ECON 430. This course is restricted to finance majors with 87 semester hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....9:30am-10:45am (TYD 0111)		Edmister, R
0201	TuTh.....11:00am-12:15pm (TYD 0111)		Edmister, R

BMGT450 Marketing Research Methods; Grade Method: REG; Prerequisite: BMGT 350 and BMGT 230. This course is restricted to marketing majors with 72 semester hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....9:30am-10:45am (ASY 3217)		Stephens, D
0201	TuTh.....12:30pm- 1:45pm (LEF 1220)		Calfee, J
0301	MW.....2:00pm- 3:15pm (HZF 1101)		Krapfel, R

BMGT451 Consumer Analysis; Grade Method: REG; Prerequisite: BMGT 350. This course is restricted to BMGT majors and students with major codes 0602A and 0602F with 72 hours completed. All others must have authorization form. — 3 credits

0101	MWF.....11:00am-11:50am (TYD 2108)		Baxter, M
0201	MWF.....1:00pm- 1:50pm (TYD 0102)		Baxter, M
0301	TuTh.....11:00am-12:15pm (TYD 2109)		Durand, R
0401	TuTh.....12:30pm- 1:45pm (WDS 1114)		Stephens, D

BMGT454 International Marketing; Grade Method: REG; Prerequisite: BMGT 350 plus any other marketing course. This course is restricted to BMGT majors with 72 semester hours completed. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (TYD 2108)		Greer, T

BMGT455 (PermReq) Sales Management; Grade Method: REG; Prerequisite: BMGT 350. This course is open to BMGT majors and students with major code 0803C with 68 semester hours completed. — 3 credits

0101	TuTh.....3:30pm- 4:45pm (MMH 0108)		Poist, H

BMGT456 Advertising; Grade Method: REG; Prequisite: BMGT 350. This course is restricted to BMGT majors and students with major codes 1303B, 1303C, and 1303E with 68 semester hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....11:00am-12:15pm (TYD 0102)		Poist, H
0201	TuTh.....12:30pm- 1:45pm (TYD 0102)		Poist, H

BMGT457 Marketing Policies and Strategies; Grade Method: REG; Prerequisite: BMGT 350, 450 and 451. This course is restricted to marketing majors with 102 semester hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....9:30am-10:45am (TYD 1118)		Biehal, G
0201	TuTh.....12:30pm- 1:45pm (TYD 1101)		Biehal, G
0301	MW.....2:00pm- 3:15pm (TLF 0101)		Ali, A
0401	MW.....3:30pm- 4:45pm (TYD 2108)		Ali, A

BMGT460 Personnel Management: Analysis and Problems; Grade Method: REG; Prerequisite: BMGT 360. Recommended: BMGT 230. This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization form. — 3 credits

0101	MW.....2:00pm- 3:15pm (TYD 2108)		Premack, S

BMGT462 Labor Legislation; Grade Method: REG; This course is restricted to BMGT majors with 72 credit hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....11:00am-12:15pm (TYD 2102)		Levine, M

BMGT464 Organizational Behavior; Grade Method: REG; Prerequisite: BMGT 364. This course is restricted to BMGT majors with 72 credit hours completed. All others must have authorization form. — 3 credits

0101	TuTh.....4:00pm- 5:15pm (TYD 0102)		Gannon, M

BMGT470 Carrier Management; Grade Method: REG; Prerequisite: BMGT 370. This course is open to all students with 72 semester hours completed. — 3 credits

0101	TuTh.....9:30am-10:45am (TYD 2140)		Taff, C

BMGT475 Advanced Logistics Management; Grade Method: REG; Prerequisite: BMGT 370 and 372. Open to transportation majors with 72 semester hours completed. All others must have authorization form. — 3 credits

0101	MW.....2:00pm- 3:15pm (TYD 2100)		Poist, R

BMGT476 Applied Computer Models in Transportation and Logistics; Grade Method: REG; Prerequisites: BMGT 370 and BMGT 372. Open to transportation majors with 72 semester hours completed. All others need authorization form. — 3 credits

0101	MWF.....11:00am-11:50am (TYD 2100)		Kling, J

BMGT477 (PermReq) International Transportation and Logistics; Grade Method: REG; Prerequisites: BMGT 370 and BMGT 372. This course is open to transportation majors only. All others must have authorization form. — 3 credits

0101	Th.....3:30pm- 6:10pm (LEF 2166)		Gardner, L

BMGT481 Public Utilities; Grade Method: REG; Prerequisite: ECON 203 or 205. This course is restricted to BMGT majors. All others must have authorization form. — 3 credits

0101	MWF.....12:00pm-12:50pm (TYD 0102)		Garbuny, S

BMGT482 Business and Government; Grade Method: REG; Prerequisite: ECON 203 or 205. This course is restricted to BMGT majors. All others must have authorization form. — 3 credits

0101	TuTh.....3:30pm- 4:45pm (TYD 1140)		McLaughlin, F

BMGT495 Business Policies; Grade Method: REG; Open only to graduating seniors in business and management. Prerequisite: BMGT 340, BMGT 350, BMGT 364. This is a restricted course for BMGT majors with 102 hours completed. All others must have authorization form. — 3 credits

0101	MWF.....8:00am- 8:50am (TYD 1108)		Renard, M
0201	MWF.....9:00am- 9:50am (TYD 1108)		Renard, M
0301	MWF.....10:00am-10:50am (TYD 1108)		Renard, M
0401	MWF.....10:00am-10:50am (TYD 0111)		Cummins, M
0501	TuTh.....2:00pm- 3:15pm (ARC 1105)		STAFF
0601	MWF.....11:00am-11:50am (TYD 0111)		Cummins, M
0701	MWF.....12:00pm-12:50pm (TYD 1108)		Cummins, M
0801	MWF.....1:00pm- 1:50pm (TYD 1108)		STAFF
0901	MWF.....2:00pm- 2:50pm (TYD 1108)		STAFF
1001	TuTh.....8:00am- 9:15am (TYD 1108)		Jones, R
1101	TuTh.....9:30am-10:45am (TYD 1108)		Jones, R
1201	TuTh.....11:00am-12:15pm (TYD 1108)		Smith, K
1301	TuTh.....12:30pm- 1:45pm (ARC 1105)		Davis, K
1401	TuTh.....2:00pm- 3:15pm (TYD 1108)		Tracy, K
1501	TuTh.....3:30pm- 4:45pm (TYD 1108)		Tracy, K

BMGT495A Business Policies; Grade Method: REG; Special section on small business problems. This is a restricted course for BMGT majors with 102 hours completed. All others must have authorization form. BMGT 495A is designed to provide the study of policy decision making in a small business environment. The course involves case studies of actual management problems provided by the Small Business Administration. Members of the class, in teams, investigate and recommend solutions for real world problems to the owner/manager of the firm. — 3 credits

0101	M.....4:00pm- 6:40pm (TYD 2100)		STAFF

BMGT496 Business and Society; Grade Method: REG; This course is open to all students with 72 semester hours completed. — 3 credits
0101 MW.....2:00pm- 3:15pm (HJP 1229) Jones, R

BMGT498A Special Topics in Business and Management: — 3 credits
(PermReq) International Entrepreneurship; Grade Method: REG; Restricted to business majors with 72 semester hours completed.
0101 W.....3:30pm- 6:10pm (TYD 1128) Winstead, W

BMGT498M Special Topics in Business and Management: — 3 credits
(PermReq) Accounting, Budgeting and Planning; Grade Method: REG/P-F; By permission of Arts and Humanities College office only.
0101 TuTh.....11:00am-12:15pm (TYD 2111) Fettus, S

BMGT498Y Special Topics in Business and Management: — 3 credits
(PermReq) Analytical Problem Solving; Grade Method: REG/P-F; By permission of Arts and Humanities College only.
0101 Tu.....3:30pm- 5:30pm (TYD 2100) Napolitano, C
Th.....3:30pm- 4:30pm (TYD 2100)

BMGT611 Managerial Accounting I; Grade Method: — 3 credits
(PermReq) REG/AUD; Majors only until first day of classes.
0101 TuTh.....12:30pm- 1:45pm (TYD 1118) Bedingfield, J
0201 TuTh.....11:00am-12:15pm (TYD 1118) Bedingfield, J
0301 MW.....12:00pm- 1:15pm (TYD 1118) STAFF
0401 M.....7:00pm- 9:40pm (TYD 2108) STAFF
0501 Tu.....7:00pm- 9:40pm (TYD 2108) Gandhi, N
0601 Th.....7:00pm- 9:40pm (TYD 1118) STAFF

BMGT620 Management Information Systems; Grade — 3 credits
(PermReq) Method: REG/AUD; Majors only until the first day of class.
0101 M.....7:00pm- 9:40pm (TYD 2111) Hirsch, R
0201 Tu.....7:00pm- 9:40pm (TYD 0111) Hirsch, R
0301 W.....7:00pm- 9:40pm (TYD 0117) Ahad, R

BMGT631 Operations Research and Management; Grade — 3 credits
(PermReq) Method: REG/AUD; Majors only until first day of classes.
0101 MW.....10:30am-11:45am (ARM 0117) Ball, M
0201 MW.....1:30pm- 2:45pm (WDS 1131) Gass, S
0301 TuTh.....12:30pm- 1:45pm (TYD 2102) STAFF

BMGT640 Financial Management; Grade Method: — 3 credits
(PermReq) REG/AUD; Majors only until first day of classes.
0101 MW.....9:00am-10:15am (TYD 1118) Unal, H
0201 MW.....10:30am-11:45am (TYD 1118) Kolodny, R
0301 Th.....3:30pm- 6:00pm (TYD 0111) Bradford, W

BMGT650 Marketing Management; Grade Method: — 3 credits
(PermReq) REG/AUD; Majors only until first day of classes.
0101 M.....7:00pm- 9:40pm (TYD 1118) Krapfel, R
0201 Tu.....7:00pm- 9:40pm (TYD 0117) STAFF
0301 W.....7:00pm- 9:40pm (TYD 2102) STAFF

BMGT660 Management and Organizational Behavior; — 3 credits
(PermReq) Grade Method: REG/AUD; Majors only until first day of classes.
0101 MW.....12:00pm- 1:15pm (TYD 2102) Carroll Jr., S
0201 MW.....1:30pm- 2:45pm (TYD 2102) Carroll Jr., S
0301 TuTh.....9:30am-10:45am (TYD 2102) STAFF

BMGT661 Human Resources Management; Grade Method: — 3 credits
(PermReq) REG/AUD; Majors only until first day of classes.
0101 W.....7:00pm- 9:40pm (TYD 0102) Olian, J

BMGT671 Managerial Economics; Grade Method: — 3 credits
(PermReq) REG/AUD; Majors only until first day of classes.
0101 TuTh.....3:30pm- 4:45pm (TYD 0101) Scheraga, C
0201 TuTh.....2:00pm- 3:15pm (TYD 1118) Windle, R
0301 TuTh.....3:30pm- 4:45pm (TYD 1118) Windle, R
0401 M.....7:00pm- 9:40pm (TYD 2100) STAFF
0501 Tu.....7:00pm- 9:40pm (TYD 0102) Windle, R
0601 W.....7:00pm- 9:40pm (TYD 2108) STAFF

BMGT672 Physical Distribution Management; Grade — 3 credits
(PermReq) Method: REG/AUD; Majors only until first day of classes.
0101 W.....7:00pm- 9:40pm (TYD 0111) Poist, R

BMGT680 Business and Public Policy; Grade Method: — 3 credits
(PermReq) REG/AUD; Majors only until the first day of class.
0101 Tu.....7:00pm- 9:40pm (TYD 2102) Scott, R
0201 Th.....7:00pm- 9:40pm (TYD 0102) Scott, R

BMGT690 Strategic Management; Grade Method: — 3 credits
(PermReq) REG/AUD; Majors only until first day of classes.
0101 TuTh.....2:00pm- 3:15pm (TYD 0111) Smith, K
0201 MW.....1:30pm- 2:45pm (TYD 1118) Gupta, A
0301 MW.....3:00pm- 4:15pm (TYD 1118) Gupta, A

BMGT702 Applied Security Analysis and Portfolio — 3 credits
(PermReq) Management; Grade Method: REG/AUD;
0101 MW.....3:30pm- 4:45pm (TYD 2109) Haslem, J

BMGT711 Advanced Managerial Accounting; Grade — 3 credits
(PermReq) Method: REG;
0101 M.....7:00pm- 9:40pm (TYD 1108) Gordon, L

BMGT721 File Processing and Database Systems; — 3 credits
(PermReq) Grade Method: REG/AUD; Majors only until first day of classes.
0101 Th.....7:00pm- 9:40pm (TYD 2140) Ahad, R

BMGT725 Information Systems Analysis and Design; — 3 credits
(PermReq) Grade Method: REG/AUD;
0101 M.....7:00pm- 9:40pm (TYD 0102) Hevner, A

BMGT726 Distributed Data Processing; Grade Method: — 3 credits
(PermReq) REG/AUD; Majors only until first day of classes.
0101 MW.....10:30am-11:45am (TYD 2102) Raschid, L

BMGT727 Security and Control of Information — 3 credits
(PermReq) Systems; Grade Method: REG/AUD;
0101 W.....7:00pm- 9:40pm (TYD 2109) Ball, M

BMGT733 Managerial Statistics II; Grade Method: — 3 credits
(PermReq) REG/AUD; Majors only until first day of classses.
0101 Th.....4:00pm- 6:40pm (TYD 2140) Ahn, S

BMGT741 Advanced Financial Management; Grade — 3 credits
(PermReq) Method: REG/AUD;
0101 TuTh.....12:30pm- 1:45pm (TYD 1108) Chen, S

BMGT743 Investment Management; Grade Method: — 3 credits
(PermReq) REG/AUD; Majors only until first day of classes.
0101 MW.....3:00pm- 4:15pm (TYD 0111) Eun, C

BMGT744 Futures Contracts and Options Management; — 3 credits
(PermReq) Grade Method: REG/AUD;
0101 Tu.....7:00pm- 9:40pm (TYD 1118) Chang, E

BMGT745 Financial Institutions Management; Grade — 3 credits
(PermReq) Method: REG/AUD; Majors only until first day of classes.
0101 M.....7:00pm- 9:40pm (TYD 1128) Unal, H

BMGT746 International Financial Management; Grade — 3 credits
(PermReq) Method: REG/AUD;
0101 W.....7:00pm- 9:40pm (TYD 2106) Eun, C

BMGT752 Marketing Research Methods; Grade Method: — 3 credits
(PermReq) REG/AUD; Majors only until the first day of class.
0101 Th.....7:00pm- 9:40pm (TYD 2106) Calfee, J

BMGT753 International Marketing; Grade Method: — 3 credits
(PermReq) REG/AUD;
0101 Tu.....7:00pm- 9:40pm (TYD 2106) Greer, T

BMGT762 Problems and Issues in Collective — 3 credits
(PermReq) Bargaining; Grade Method: REG/AUD; Majors only until the first day of class.
0101 W.....7:00pm- 9:40pm (TYD 1136) Levine, M

BMGT765 Application of Behaviorial Science to — 3 credits
(PermReq) Business; Grade Method: REG/AUD;
0101 TuTh.....2:00pm- 3:15pm (TYD 2140) Gannon, M

BMGT771 Transportation and Public Policy; Grade — 3 credits
(PermReq) Method: REG/AUD; Majors only until first day of classes.
0101 Tu.....7:00pm- 9:40pm (TYD 2140) Corsi, T

BMGT791 MBA Field Project; Grade Method: REG/AUD; — 3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number. Students may register only with written permission of course coordinator.

BMGT798A Special Topics in Business and Management: — 3 credits
(PermReq) Advanced Topics in Statistics and Operations Research for Business and Public Policy; Grade Method: REG/AUD; Majors only until first day of classes.
0101 M.....3:30pm- 6:10pm (TYD 1140) Cohen, M

BMGT798B Special Topics in Business and Management: — 3 credits
(PermReq) Multivariate Statistical Analysis II; Grade Method: REG/AUD;
0101 Tu.....4:00pm- 6:40pm (TYD 2140) Kotz, S

BMGT798C Special Topics in Business and Management: — 3 credits
(PermReq) Auditing; Grade Method: REG/AUD; Majors only until first day of classes.
0101 Th.....7:00pm- 9:40pm (TYD 1108) Fischetti, M

BMGT798D Special Topics in Business and Management: — 3 credits
(PermReq) Industrial Marketing; Grade Method: REG/AUD;
0101 W.....7:00pm- 9:40pm (TYD 1108) Krapfel, R

BMGT798E Special Topics in Business and Management: — 3 credits
(PermReq) Productivity, Quality, and Competitiveness; Grade Method: REG/AUD;
0101 M.....7:00pm- 9:40pm (TYD 1140) Tuttle, T

BMGT798F Special Topics in Business and Management: — 3 credits
(PermReq) International Taxation of Business Transactions; Grade Method: REG/AUD;
0101 W.....7:00pm- 9:40pm (TYD 2110) Pantalone Jr.,

BMGT798G Special Topics in Business and Management: — 3 credits
(PermReq) Manufacturing Strategies and Operations; Grade Method: REG/AUD;
0101 TuTh.....2:00pm- 3:15pm (TYD 0102) Assad, A

BMGT798I Special Topics in Business and Management: — 3 credits
(PermReq) International Competition and Strategic Choice; Grade Method: REG/AUD;
0101 M.....7:00pm- 9:40pm (TYD 2102) Gupta, A

BMGT798J Special Topics in Business and Management: — 3 credits
(PermReq) Entrepreneurial and Corporate Venturing; Grade Method: REG/AUD;
0101 Th.....4:00pm- 6:40pm (TYD 1102) Miller, R

BMGT798K Special Topics in Business and Management: — 3 credits
(PermReq) The Entrepreneur and the Entrepreneurial Team; Grade Method: REG/AUD;
0101 Tu.....4:00pm- 6:40pm (WDS 1130) Winstead, W

BMGT798M Special Topics in Business and Management: — 3 credits
(PermReq) Management of High Technology, Research and Development; Grade Method: REG/AUD;
0101 Tu.....7:00pm- 9:40pm (TYD 2100) Scheraga, C

BMGT7980 Special Topics in Business and Management: — 3 credits
(PermReq) Telecommunications; Grade Method: REG/AUD;
0101 Th.....7:00pm- 9:45pm (TYD 2108) STAFF

BMGT799 Master's Thesis Research; Grade Method: — 1-6 credits
(PermReq) REG; Individual Instruction course: contact department or instructor to obtain section number.

BMGT808A Doctoral Seminar: Knowledge-Based Systems; — 3 credits
(PermReq) Grade Method: REG/AUD;
0101 Th.....7:00pm- 9:40pm (TYD 2102) Basu, A

BMGT811 Seminar in Accounting Theory; Grade — 3 credits
(PermReq) Method: REG/AUD;
0101 Th.....3:00pm- 5:40pm (LEF 1210) STAFF

BMGT824 Database Systems Architecture; Grade — 3 credits
(PermReq) Method: REG/AUD;
0101 TuTh.....2:00pm- 3:15pm (WDS 1131) Yao, S

BMGT828 Independent Study in Business and — 1-9 credits
(PermReq) Management; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. MBA students may register only with written permission of Mary Anne Waikart, Masters Program Director. Ph.D. students may register only with written permission of Dr. Alt, Director of Graduate Studies. Restricted to grad business majors.

BMGT831 Operations Research: Extension of Linear — 3 credits
(PermReq) Programming and Network Analysis; Grade Method: REG/AUD; Majors only until first day of classes.
0101 Tu.....4:00pm- 6:40pm (TYD 0111) Golden, B

BMGT835 Simulation and Design of Experiments; — 3 credits
(PermReq) Grade Method: REG/AUD; Prerequisite: knowledge of Fortran programming, BMGT 630 and 631 or equivalent, or permission of instructor.
0101 W.....7:00pm- 9:40pm (TYD 2111) STAFF

BMGT841 Seminar in Corporate Finance; Grade — 3 credits
(PermReq) Method: REG/AUD;
0101 W.....12:00pm- 3:00pm (TYD 1136) Soubra, B

BMGT851 Quantitative Methods in Marketing: Demand — 3 credits
(PermReq) and Cost Analysis; Grade Method: REG/AUD;
0101 Tu.....7:00pm- 9:40pm (TYD 1108) Seshadri, S

BMGT861 Seminar in Performance Appraisal and — 3 credits
(PermReq) Training; Grade Method: REG/AUD;
0101 W.....4:00pm- 6:40pm (TYD 2140) Premack, S

BMGT864 Seminar in Interpersonal Relations and the — 3 credits
(PermReq) Group Process in Organizations; Grade Method: REG/AUD;
0101 Tu.....7:00pm- 9:45pm (TYD 2110) STAFF

BMGT880 Business Research Methodology; Grade — 3 credits
(PermReq) Method: REG/AUD;
0101 W.....1:00pm- 3:40pm (TYD 1132) Olian, J

BMGT885 Multiple Time Series Model Building; Grade — 3 credits
(PermReq) Method: REG/AUD;
0101 M.....7:00pm- 9:40pm (TYD 1132) Alt, F

BMGT899 Doctoral Dissertation Research; Grade — 1-8 credits
(PermReq) Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

BOTN Botany (Life Sciences)

BOTN100 General Botany For Non-Science Students; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 4 credits

1001	TuTh.....11:00am-11:50am (HJP 0226)		Berg, L
	TuTh.....8:00am-10:00am (HJP 3104)	LAB	
1002	TuTh.....11:00am-11:50am (HJP 0226)		Berg, L
	MW.....4:00pm- 6:00pm (HJP 3104)	LAB	
1003	TuTh.....11:00am-11:50am (HJP 0226)		Berg, L
	MF.....10:00am-12:00pm (HJP 3104)	LAB	
1004	TuTh.....11:00am-11:50am (HJP 0226)		Berg, L
	MW.....2:00pm- 4:00pm (HJP 3104)	LAB	
1005	TuTh.....11:00am-11:50am (HJP 0226)		Berg, L
	TuTh.....4:00pm- 6:00pm (HJP 3104)	LAB	
1006	TuTh.....11:00am-11:50am (HJP 0226)		Berg, L
	MW.....4:00pm- 6:00pm (HJP 3127)	LAB	
1007	TuTh.....11:00am-11:50am (HJP 0226)		Berg, L
	TuTh.....12:00pm- 2:00pm (HJP 3104)	LAB	
1008	TuTh.....11:00am-11:50am (HJP 0226)		Berg, L
	MF.....12:00pm- 2:00pm (HJP 3104)	LAB	
1009	TuTh.....11:00am-11:50am (HJP 0226)		Berg, L
	MF.....8:00am-10:00am (HJP 3104)	LAB	
1010	TuTh.....11:00am-11:50am (HJP 0226)		Berg, L
	TuTh.....2:00pm- 4:00pm (HJP 3104)	LAB	
2001	MW.....10:00am-10:50am (HJP 0226)		Van Valkenburg,
	MF.....8:00am-10:00am (HJP 2103)	LAB	
2002	MW.....10:00am-10:50am (HJP 0226)		Van Valkenburg,
	TuTh.....4:00pm- 6:00pm (HJP 2103)	LAB	
2003	MW.....10:00am-10:50am (HJP 0226)		Van Valkenburg,
	MF.....12:00pm- 2:00pm (HJP 3127)	LAB	
2004	MW.....10:00am-10:50am (HJP 0226)		Van Valkenburg,
	MW.....2:00pm- 4:00pm (HJP 2103)	LAB	
2005	MW.....10:00am-10:50am (HJP 0226)		Van Valkenburg,
	TuTh.....8:00am-10:00am (HJP 2103)	LAB	
2006	MW.....10:00am-10:50am (HJP 0226)		Van Valkenburg,
	TuTh.....10:00am-12:00pm (HJP 2103)	LAB	
2007	MW.....10:00am-10:50am (HJP 0226)		Van Valkenburg,
	MF.....12:00pm- 2:00pm (HJP 2103)	LAB	
2008	MW.....10:00am-10:50am (HJP 0226)		Van Valkenburg,
	TuTh.....12:00pm- 2:00pm (HJP 2103)	LAB	
2009	MW.....10:00am-10:50am (HJP 0226)		Van Valkenburg,
	TuTh.....2:00pm- 4:00pm (HJP 2103)	LAB	
3001	TuTh.....10:00am-10:50am (HJP 0226)		Koines, P
	MF.....8:00am-10:00am (HJP 1125)	LAB	
3002	TuTh.....10:00am-10:50am (HJP 0226)		Koines, P
	TuTh.....4:00pm- 6:00pm (HJP 1125)	LAB	
3003	TuTh.....10:00am-10:50am (HJP 0226)		Koines, P
	MF.....10:00am-12:00pm (HJP 1125)	LAB	
3004	TuTh.....10:00am-10:50am (HJP 0226)		Koines, P
	MF.....12:00pm- 2:00pm (HJP 1125)	LAB	
3005	TuTh.....10:00am-10:50am (HJP 0226)		Koines, P
	MW.....4:00pm- 6:00pm (HJP 1125)	LAB	
3006	TuTh.....10:00am-10:50am (HJP 0226)		Koines, P
	TuTh.....8:00am-10:00am (HJP 1125)	LAB	
3007	TuTh.....10:00am-10:50am (HJP 0226)		Koines, P
	TuTh.....12:00pm- 2:00pm (HJP 1125)	LAB	
3008	TuTh.....10:00am-10:50am (HJP 0226)		Koines, P
	TuTh.....12:00pm- 2:00pm (HJP 3127)	LAB	
3009	TuTh.....10:00am-10:50am (HJP 0226)		Koines, P
	TuTh.....2:00pm- 4:00pm (HJP 1125)	LAB	
3010	TuTh.....10:00am-10:50am (HJP 0226)		Koines, P
	MW.....2:00pm- 4:00pm (HJP 3127)	LAB	
4001	TuTh.....9:00am- 9:50am (HJP 0226)		Van Valkenburg,
	MF.....8:00am-10:00am (HJP 3127)	LAB	
4002	TuTh.....9:00am- 9:50am (HJP 0226)		Van Valkenburg,
	MF.....10:00am-12:00pm (HJP 3127)	LAB	
4003	TuTh.....9:00am- 9:50am (HJP 0226)		Van Valkenburg,
	TuTh.....2:00pm- 4:00pm (HJP 3127)	LAB	
4004	TuTh.....9:00am- 9:50am (HJP 0226)		Van Valkenburg,
	TuTh.....4:00pm- 6:00pm (HJP 3127)	LAB	
4005	TuTh.....9:00am- 9:50am (HJP 0226)		Van Valkenburg,
	MW.....2:00pm- 4:00pm (HJP 1125)	LAB	
4006	TuTh.....9:00am- 9:50am (HJP 0226)		Van Valkenburg,
	MF.....10:00am-12:00pm (HJP 2103)	LAB	
4007	TuTh.....9:00am- 9:50am (HJP 0226)		Van Valkenburg,
	TuTh.....10:00am-12:00pm (HJP 3104)	LAB	
4008	TuTh.....9:00am- 9:50am (HJP 0226)		Van Valkenburg,
	TuTh.....10:00am-12:00pm (HJP 1125)	LAB	
4009	TuTh.....9:00am- 9:50am (HJP 0226)		Van Valkenburg,
	TuTh.....10:00am-12:00pm (HJP 3127)	LAB	

BOTN202 Plant Kingdom; Grade Method: REG/P-F/AUD; — 4 credits

0101	MW.....10:00am-10:50am (HJP 2242)		Koines, P
	MW.....12:00pm- 2:00pm (HJP 2226)	LAB	
0102	MW.....10:00am-10:50am (HJP 2242)		Koines, P
	MW.....2:00pm- 4:00pm (HJP 2226)	LAB	
0103	MW.....10:00am-10:50am (HJP 2242)		Koines, P
	TuTh.....10:00am-12:00pm (HJP 2226)	LAB	
0104	MW.....10:00am-10:50am (HJP 2242)		Koines, P
	TuTh.....12:00pm- 2:00pm (HJP 2226)	LAB	
0105	MW.....10:00am-10:50am (HJP 2242)		Koines, P
	TuTh.....2:00pm- 4:00pm (HJP 2226)	LAB	

BOTN212 Plant Taxonomy; Grade Method: REG/P-F/AUD; — 4 credits
(PermReq)
0101 MW.....9:00am- 9:50am (HJP 2242) Reveal, J
MW.....10:00am-12:00pm (HJP 1105) LAB

BOTN379 Honors Research Problems in Botany; Grade — 1-3 credits
(PermReq) Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

BOTN398 Seminar; Grade Method: REG/P-F/AUD; — 1 credit
0101 F.....10:00am-10:50am (HJP 1229) Berg, L

BOTN399 Research Problems in Botany; Grade Method: — 1-3 credits
(PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

BOTN403 Medicinal and Poisonous Plants; Grade — 2 credits
Method: REG/P-F/AUD;
0101 TuTh.....9:00am- 9:50am (HJP 1229) Lockard, J

BOTN405 Advanced Plant Taxonomy; Grade Method: — 3 credits
REG;
0101 TuTh.....12:00pm-12:50pm (HJP 1229) Reveal, J
F.....9:00am-12:00pm (HJP 1105) LAB

BOTN413 Plant Geography; Grade Method: REG; — 2 credits
0101 TuTh.....1:00pm- 1:50pm (HJP 1229) Reveal, J

BOTN414 Plant Genetics; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....12:00pm-12:50pm (HJP 2242) Bottino, P

BOTN426 Mycology; Grade Method: REG/P-F/AUD; — 4 credits
0101 TuTh.....1:00pm- 1:50pm (HJP 2230) Motta, J
TuTh.....2:00pm- 5:00pm (HJP 2230) LAB

BOTN462 Plant Ecology; Grade Method: REG/P-F/AUD; — 2 credits
0101 TuTh.....9:00am- 9:50am (HJP 2242) Forseth Jr., I

BOTN463 Ecology of Marsh and Dune Vegetation; — 2 credits
Grade Method: REG/P-F/AUD;
0101 TuTh.....11:00am-11:50am (HJP 2242) Higgins, E

BOTN464 Plant Ecology Laboratory; Grade Method: — 2 credits
REG/P-F/AUD;

0101	Tu.....1:00pm- 4:00pm (HJP 1105)	LAB	STAFF
0102	Th.....1:00pm- 4:00pm (HJP 1105)	LAB	STAFF
0103	F.....1:00pm- 4:00pm (HJP 1105)	LAB	STAFF

BOTN632 Plant Virology; Grade Method: REG; — 2 credits
0101 MW.....10:00am-10:50am (HJP 2230) Corbett, M

BOTN640 Molecular Mechanisms of Plant Pathogenesis; Grade Method: REG/AUD; — 2 credits
0101 TuTh.....10:00am-10:50am (HJP 1229) Hutcheson, S

BOTN684 Plant Membrane Physiology; Grade Method: REG/AUD; — 2 credits
0101 MW.....11:00am-11:50am (HJP 1229) Sze, H

BOTN698B Seminar in Botany: Pathology; Grade Method: REG/AUD; — 1 credit
0101 W.....4:00pm- 4:50pm (HJP 1229) Steiner, P

BOTN698C Seminar in Botany: Physiology; Grade Method: REG/AUD; — 1 credit
0101 F.....4:00pm- 4:50pm (HJP 1229) Wolniak, S

BOTN698D Seminar in Botany: Ecology; Grade Method: REG/AUD; — 1 credit
0101 Th.....4:00pm- 4:50pm (HJP 1229) Forseth Jr., I

BOTN698E Seminar in Botany: Mycology; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged Motta, J

BOTN698F Seminar in Botany: Morphology and Plant Systematics; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged Reveal, J

BOTN698J Seminar in Botany: Genetics; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged Bottino, P

BOTN699A Special Problems in Botany: Cell Biology; — 1-3 credits
(PermReq) Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

BOTN699B Special Problems in Botany: Pathology; — 1-3 credits
(PermReq) Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

BOTN699C Special Problems in Botany: Physiology; — 1-3 credits
(PermReq) Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

BOTN699D Special Problems in Botany: Ecology; Grade — 1-3 credits
(PermReq) Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

BOTN699E Special Problems in Botany: Mycology; — 1-3 credits
(PermReq) Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

BOTN699F Special Problems in Botany: Morphology; — 1-3 credits
(PermReq) Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

BOTN699G Special Problems in Botany: Phycology; — 1-3 credits
(PermReq) Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

BOTN699I Special Problems in Botany: Virology; — 1-3 credits
(PermReq) Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

BOTN699J Special Problems in Botany: Genetics; — 1-3 credits
(PermReq) Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

BOTN699K Special Problems in Botany: Molecular — 1-3 credits
(PermReq) Biology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

BOTN699N Special Problems in Botany: Plant — 1-3 credits
(PermReq) Systematics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

BOTN721 Clinical and Field Plant Pathology; Grade Method: REG/AUD; 1-2 credits
(PermReq)
0101 Time and room to be arranged Krusberg, L

BOTN799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits
(PermReq)

BOTN899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits
(PermReq)

BSOS Behavioral and Social Sciences (Behavior & Social Sci)

BSOS300 Ethical Issues in Social Science Research; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (WDS 1131) Paden, R

CHEM Chemistry (Life Sciences)

CHEM103 General Chemistry I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 4 credits

3111 TuTh.....8:00am- 9:15am (CHM 1407) Moore, J
M.....8:00am-10:50am (CHM 1105) LAB
M.....1:00pm- 1:50pm (ARM 0108) DIS

3117 TuTh.....8:00am- 9:15am (CHM 1407) Moore, J
M.....3:00pm- 5:50pm (CHM 1105) LAB
M.....1:00pm- 1:50pm (ZOP 1124) DIS

3124 TuTh.....8:00am- 9:15am (CHM 1407) Moore, J
Tu.....12:00pm- 2:50pm (CHM 1105) LAB
M.....1:00pm- 1:50pm (CHM 0122) DIS

3125 TuTh.....8:00am- 9:15am (CHM 1407) Moore, J
Tu.....12:00pm- 2:50pm (CHM 1106) LAB
M.....1:00pm- 1:50pm (CHE 2116) DIS

3131 TuTh.....8:00am- 9:15am (CHM 1407) Moore, J
W.....8:00am-10:50am (CHM 1105) LAB
M.....2:00pm- 2:50pm (ARM 0108) DIS

3134 TuTh.....8:00am- 9:15am (CHM 1407) Moore, J
W.....12:00pm- 2:50pm (CHM 1105) LAB
M.....2:00pm- 2:50pm (ZOP 1124) DIS

3135 TuTh.....8:00am- 9:15am (CHM 1407) Moore, J
W.....12:00pm- 2:50pm (CHM 1106) LAB
M.....2:00pm- 2:50pm (ZOP 1228) DIS

3137 TuTh.....8:00am- 9:15am (CHM 1407) Moore, J
W.....3:00pm- 5:50pm (CHM 1105) LAB
M.....2:00pm- 2:50pm (CHM 0122) DIS

3144 TuTh.....8:00am- 9:15am (CHM 1407) Moore, J
Th.....12:00pm- 2:50pm (CHM 1105) LAB
M.....2:00pm- 2:50pm (CHE 2116) DIS

3145 TuTh.....8:00am- 9:15am (CHM 1407) Moore, J
Th.....12:00pm- 2:50pm (CHM 1106) LAB
M.....2:00pm- 2:50pm (ZOP 1234) DIS

3151 TuTh.....8:00am- 9:15am (CHM 1407) Moore, J
F.....8:00am-10:50am (CHM 1105) LAB
M.....1:00pm- 1:50pm (ZOP 1234) DIS

3154 TuTh.....8:00am- 9:15am (CHM 1407) Moore, J
F.....12:00pm- 2:50pm (CHM 1105) LAB
M.....2:00pm- 2:50pm (CHE 2140) DIS

3211 TuTh.....11:00am-12:15pm (CHM 1407) Alexander, M
M.....8:00am-10:50am (CHM 1109) LAB
W.....1:00pm- 1:50pm (ARM 0108) DIS

3214 TuTh.....11:00am-12:15pm (CHM 1407) Alexander, M
M.....12:00pm- 2:50pm (CHM 1106) LAB
W.....1:00pm- 1:50pm (ZOP 1124) DIS

3215 TuTh.....11:00am-12:15pm (CHM 1407) Alexander, M
M.....12:00pm- 2:50pm (CHM 1109) LAB
W.....1:00pm- 1:50pm (ZOP 1234) DIS

3217 TuTh.....11:00am-12:15pm (CHM 1407) Alexander, M
M.....3:00pm- 5:50pm (CHM 1109) LAB
W.....1:00pm- 1:50pm (JUL 1105) DIS

3221 TuTh.....11:00am-12:15pm (CHM 1407) Alexander, M
Tu.....8:00am-10:50am (CHM 1106) LAB
W.....1:00pm- 1:50pm (CHE 2116) DIS

3227 TuTh.....11:00am-12:15pm (CHM 1407) Alexander, M
Tu.....3:00pm- 5:50pm (CHM 1106) LAB
W.....1:00pm- 1:50pm (CHE 2145) DIS

3231 TuTh.....11:00am-12:15pm (CHM 1407) Alexander, M
W.....8:00am-10:50am (CHM 1109) LAB
W.....2:00pm- 2:50pm (ARM 0108) DIS

3237 TuTh.....11:00am-12:15pm (CHM 1407) Alexander, M
W.....3:00pm- 5:50pm (CHM 1109) LAB
W.....2:00pm- 2:50pm (CHE 2145) DIS

3241 TuTh.....11:00am-12:15pm (CHM 1407) Alexander, M
Th.....8:00am-10:50am (CHM 1106) LAB
W.....2:00pm- 2:50pm (ZOP 1234) DIS

3247 TuTh.....11:00am-12:15pm (CHM 1407) Alexander, M
Th.....3:00pm- 5:50pm (CHM 1106) LAB
W.....2:00pm- 2:50pm (ARM 0116) DIS

3254 TuTh.....11:00am-12:15pm (CHM 1407) Alexander, M
F.....12:00pm- 2:50pm (CHM 1106) LAB
W.....2:00pm- 2:50pm (CHE 2116) DIS

3255 TuTh.....11:00am-12:15pm (CHM 1407) Alexander, M
F.....12:00pm- 2:50pm (CHM 1109) LAB
W.....2:00pm- 2:50pm (EGR 2102) DIS

3311 TuTh.....12:30pm- 1:45pm (CHM 1407) Walters, B
M.....8:00am-10:50am (CHM 1110) LAB
W.....3:00pm- 3:50pm (ARM 0108) DIS

3314 TuTh.....12:30pm- 1:45pm (CHM 1407) Walters, B
M.....12:00pm- 2:50pm (CHM 1110) LAB
W.....3:00pm- 3:50pm (CHE 2116) DIS

3317 TuTh.....12:30pm- 1:45pm (CHM 1407) Walters, B
M.....3:00pm- 5:50pm (CHM 1110) LAB
W.....3:00pm- 3:50pm (EGR 0108) DIS

3321 TuTh.....12:30pm- 1:45pm (CHM 1407) Walters, B
Tu.....8:00am-10:50am (CHM 1110) LAB
W.....3:00pm- 3:50pm (EGR 1108) DIS

3327 TuTh.....12:30pm- 1:45pm (CHM 1407) Walters, B
Tu.....3:00pm- 5:50pm (CHM 1109) LAB
W.....3:00pm- 3:50pm (EGR 2102) DIS

3328 TuTh.....12:30pm- 1:45pm (CHM 1407) Walters, B
Tu.....3:00pm- 5:50pm (CHM 1110) LAB
W.....3:00pm- 3:50pm (GEO 1120) DIS

3334 TuTh.....12:30pm- 1:45pm (CHM 1407) Walters, B
W.....12:00pm- 2:50pm (CHM 1109) LAB
W.....4:00pm- 4:50pm (ZOP 1124) DIS

3335 TuTh.....12:30pm- 1:45pm (CHM 1407) Walters, B
W.....12:00pm- 2:50pm (CHM 1110) LAB
W.....4:00pm- 4:50pm (ARM 0108) DIS

3341 TuTh.....12:30pm- 1:45pm (CHM 1407) Walters, B
Th.....8:00am-10:50am (CHM 1110) LAB
W.....4:00pm- 4:50pm (EGR 0108) DIS

3347 TuTh.....12:30pm- 1:45pm (CHM 1407) Walters, B
Th.....3:00pm- 5:50pm (CHM 1109) LAB
W.....4:00pm- 4:50pm (EGR 1108) DIS

3348 TuTh.....12:30pm- 1:45pm (CHM 1407) Walters, B
Th.....3:00pm- 5:50pm (CHM 1110) LAB
W.....4:00pm- 4:50pm (EGR 1120) DIS

3351 TuTh.....12:30pm- 1:45pm (CHM 1407) Walters, B
F.....8:00am-10:50am (CHM 1110) LAB
W.....4:00pm- 4:50pm (EGR 2102) DIS

CHEM104 Fundamentals of Organic and Biochemistry; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; This course is intended for students in curricula requiring only one semester of organic chemistry. It is not appropriate for those requiring two semesters; such students should take CHEM 233 or, if eligible, CHEM 235, after completion of CHEM 113 (or CHEM 115). 4 credits

5114 MWF.....9:00am- 9:50am (ARM 0126) Henery-Logan, K
M.....12:00pm- 2:50pm (CHM 1228) LAB
Tu.....8:00am- 8:50am (MTH 0301) DIS

5117 MWF.....9:00am- 9:50am (ARM 0126) Henery-Logan, K
M.....3:00pm- 5:50pm (CHM 1228) LAB
Tu.....8:00am- 8:50am (EGR 2102) DIS

5124 MWF.....9:00am- 9:50am (ARM 0126) Henery-Logan, K
Tu.....12:00pm- 2:50pm (CHM 1228) LAB
Tu.....8:00am- 8:50am (CHE 2120) DIS

5134 MWF.....9:00am- 9:50am (ARM 0126) Henery-Logan, K
W.....12:00pm- 2:50pm (CHM 1228) LAB
Tu.....9:00am- 9:50am (JMZ 0125) DIS

5135 MWF.....9:00am- 9:50am (ARM 0126) Henery-Logan, K
W.....12:00pm- 2:50pm (CHM 1215) LAB
Tu.....9:00am- 9:50am (JUL 1105) DIS

5137 MWF.....9:00am- 9:50am (ARM 0126) Henery-Logan, K
W.....3:00pm- 5:50pm (CHM 1215) LAB
Tu.....8:00am- 8:50am (ZOP 1234) DIS

5141 MWF.....9:00am- 9:50am (ARM 0126) Henery-Logan, K
Th.....8:00am-10:50am (CHM 1215) LAB
Tu.....9:00am- 9:50am (ZOP 1228) DIS

5144 MWF.....9:00am- 9:50am (ARM 0126) Henery-Logan, K
Th.....12:00pm- 2:50pm (CHM 1215) LAB
Tu.....9:00am- 9:50am (EGR 0135) DIS

CHEM113 General Chemistry II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 4 credits

4114 MWF.....8:00am- 8:50am (CHM 1407) Miller, G
M.....12:00pm- 2:50pm (CHM 1122) LAB
Tu.....8:00am- 8:50am (ARM 0121) DIS

4115 MWF.....8:00am- 8:50am (CHM 1407) Miller, G
M.....12:00pm- 2:50pm (CHM 1212) LAB
Tu.....8:00am- 8:50am (ARM 0108) DIS

4117 MWF.....8:00am- 8:50am (CHM 1407) Miller, G
M.....3:00pm- 5:50pm (CHM 1119) LAB
Tu.....8:00am- 8:50am (CHE 2116) DIS

4127 MWF.....8:00am- 8:50am (CHM 1407) Miller, G
Tu.....3:00pm- 5:50pm (CHM 1119) LAB
Tu.....8:00am- 8:50am (ARM 0120) DIS

4134 MWF.....8:00am- 8:50am (CHM 1407) Miller, G
W.....12:00pm- 2:50pm (CHM 1119) LAB
Tu.....9:00am- 9:50am (ANS 1109) DIS

4137 MWF.....8:00am- 8:50am (CHM 1407) Miller, G
W.....3:00pm- 5:50pm (CHM 1119) LAB
Tu.....9:00am- 9:50am (CHE 2116) DIS

4141 MWF.....8:00am- 8:50am (CHM 1407) Miller, G
Th.....8:00am-10:50am (CHM 1119) LAB
Tu.....9:00am- 9:50am (ARM 0108) DIS

4142 MWF.....8:00am- 8:50am (CHM 1407) Miller, G
Th.....8:00am-10:50am (CHM 1128) LAB
Tu.....9:00am- 9:50am (COL 3111) DIS

4214 MWF.....10:00am-10:50am (CHM 1407) Walters, W
M.....12:00pm- 2:50pm (CHM 1112) LAB
Th.....8:00am- 8:50am (ARM 0121) DIS

4217 MWF.....10:00am-10:50am (CHM 1407) Walters, W
M.....3:00pm- 5:50pm (CHM 1111) LAB
Th.....8:00am- 8:50am (ARM 0120) DIS

4221 MWF.....10:00am-10:50am (CHM 1407) Walters, W
Tu.....8:00am-10:50am (CHM 1111) LAB
Th.....8:00am- 8:50am (EGR 2102) DIS

4222 MWF.....10:00am-10:50am (CHM 1407) Walters, W
Tu.....8:00am-10:50am (CHM 1119) LAB
Th.....8:00am- 8:50am (ARM 0105) DIS

4224 MWF.....10:00am-10:50am (CHM 1407) Walters, W
Tu.....12:00pm- 2:50pm (CHM 1122) LAB
Th.....8:00am- 8:50am (CHE 2120) DIS

4227 MWF.....10:00am-10:50am (CHM 1407) Walters, W
Tu.....3:00pm- 5:50pm (CHM 1111) LAB
Th.....9:00am- 9:50am (JUL 1105) DIS

4237 MWF.....10:00am-10:50am (CHM 1407) Walters, W
W.....3:00pm- 5:50pm (CHM 1111) LAB
Th.....9:00am- 9:50am (JMP 1202) DIS

4244 MWF.....10:00am-10:50am (CHM 1407) Walters, W
Th.....12:00pm- 2:50pm (CHM 1122) LAB
Th.....9:00am- 9:50am (ARM 0108) DIS

4247 MWF.....10:00am-10:50am (CHM 1407) Walters, W
Th.....3:00pm- 5:50pm (CHM 1111) LAB
Th.....9:00am- 9:50am (EGR 3110) DIS

4254 MWF.....10:00am-10:50am (CHM 1407) Walters, W
F.....12:00pm- 2:50pm (CHM 1112) LAB
Th.....9:00am- 9:50am (EGR 0135) DIS

4311 MWF.....11:00am-11:50am (CHM 1407) DeVoe, H
M.....8:00am-10:50am (CHM 1212) LAB
Tu.....10:00am-10:50am (CHM 1105) DIS

4314 MWF.....11:00am-11:50am (CHM 1407) DeVoe, H
M.....12:00pm- 2:50pm (CHM 1128) LAB
Tu.....10:00am-10:50am (CHE 2140) DIS

4324 MWF.....11:00am-11:50am (CHM 1407) DeVoe, H
Tu.....12:00pm- 2:50pm (CHM 1208) LAB
Tu.....10:00am-10:50am (CHE 2118) DIS

4331 MWF.....11:00am-11:50am (CHM 1407) DeVoe, H
W.....8:00am-10:50am (CHM 1212) LAB
Th.....11:00am-11:50am (ZOP 1124) DIS

4334 MWF.....11:00am-11:50am (CHM 1407) DeVoe, H
W.....12:00pm- 2:50pm (CHM 1128) LAB
Tu.....11:00am-11:50am (EGR 3110) DIS

4335 MWF.....11:00am-11:50am (CHM 1407) DeVoe, H
W.....12:00pm- 2:50pm (CHM 1208) LAB
Tu.....11:00am-11:50am (CHE 2120) DIS

4337 MWF.....11:00am-11:50am (CHM 1407) DeVoe, H
W.....3:00pm- 5:50pm (CHM 1128) LAB
Tu.....10:00am-10:50am (ANS 1109) DIS

4341 MWF.....11:00am-11:50am (CHM 1407) DeVoe, H
Tu.....8:00am-10:50am (CHM 1111) LAB
Tu.....11:00am-11:50am (CHE 2116) DIS

4342 MWF.....11:00am-11:50am (CHM 1407) DeVoe, H
Th.....8:00am-10:50am (CHM 1112) LAB
Tu.....11:00am-11:50am (CHM 0127) DIS

4344 MWF.....11:00am-11:50am (CHM 1407) DeVoe, H
Th.....12:00pm- 2:50pm (CHM 1208) LAB
Tu.....10:00am-10:50am (CHM 0127) DIS

4411 MWF.....12:00pm-12:50pm (CHM 1407) STAFF
M.....8:00am-10:50am (CHM 1112) LAB
Th.....9:00am- 9:50pm (COL 3111) DIS

4417 MWF.....12:00pm-12:50pm (CHM 1407) STAFF
M.....3:00pm- 5:50pm (CHM 1112) LAB
Th.....9:00am- 9:50am (EGR 1102) DIS

4421 MWF.....12:00pm-12:50pm (CHM 1407) STAFF
Tu.....8:00am-10:50am (CHM 1112) LAB
Th.....9:00am- 9:50am (CHE 2116) DIS

4422 MWF.....12:00pm-12:50pm (CHM 1407) STAFF
Tu.....8:00am-10:50am (CHM 1128) LAB
Th.....9:00am- 9:50am (CHE 2140) DIS

4424 MWF.....12:00pm-12:50pm (CHM 1407) STAFF
Tu.....12:00pm- 2:50pm (CHM 1212) LAB
Th.....9:00am- 9:50am (MTH B0425) DIS

4427 MWF.....12:00pm-12:50pm (CHM 1407) STAFF
Tu.....3:00pm- 5:50pm (CHM 1128) LAB
Th.....10:00am-10:50am (JUL 1105) DIS

4428 MWF.....12:00pm-12:50pm (CHM 1407) STAFF
Tu.....3:00pm- 5:50pm (CHM 1122) LAB
Th.....10:00am-10:50am (CHE 2140) DIS

4431 MWF.....12:00pm-12:50pm (CHM 1407) STAFF
W.....8:00am-10:50am (CHM 1112) LAB
Th.....10:00am-10:50am (MTH 0407) DIS

4437 MWF.....12:00pm-12:50pm (CHM 1407) STAFF
W.....3:00pm- 5:50pm (CHM 1112) LAB
Th.....10:00am-10:50am (CHE 2116) DIS

4444 MWF.....12:00pm-12:50pm (CHM 1407) STAFF
Th.....12:00pm- 2:50pm (CHM 1212) LAB
Th.....10:00am-10:50am (CHE 2118) DIS

4511 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
M.....8:00am-10:50am (CHM 1119) LAB
Tu.....1:00pm- 1:50pm (ARM 0108) DIS

4517 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
M.....3:00pm- 5:50pm (CHM 1208) LAB
Tu.....1:00pm- 1:50pm (CHM 0124) DIS

4521 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
Tu.....8:00am-10:50am (CHM 1208) LAB
Tu.....1:00pm- 1:50pm (PHY 4220) DIS

4527 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
Tu.....3:00pm- 5:50pm (CHM 1208) LAB
Tu.....1:00pm- 1:50pm (EGR 1110) DIS

4537 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
W.....3:00pm- 5:50pm (CHM 1208) LAB
Tu.....2:00pm- 2:50pm (EGR 1110) DIS

4541 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
Th.....8:00am-10:50am (CHM 1208) LAB
Tu.....2:00pm- 2:50pm (CHM 0124) DIS

4544 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
Th.....12:00pm- 2:50pm (CHM 1111) LAB
Tu.....2:00pm- 2:50pm (EGR 3111) DIS

4545 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
Th.....12:00pm- 2:50pm (CHM 1128) LAB
Tu.....2:00pm- 2:50pm (PHY 4208) DIS

4547 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
Th.....3:00pm- 5:50pm (CHM 1208) LAB
Tu.....1:00pm- 1:50pm (EGR 3114) DIS

4551 MWF.....1:00pm- 1:50pm (CHM 1407) Boyd Jr., A
F.....8:00am-10:50am (CHM 1119) LAB
Tu.....2:00pm- 2:50pm (ZOP 1124) DIS

4617 MWF.....2:00pm- 2:50pm (CHM 1407) Tossell, J
M.....3:00pm- 5:50pm (CHM 1122) LAB
Th.....1:00pm- 1:50pm (CHE 2118) DIS

4618 MWF.....2:00pm- 2:50pm (CHM 1407) Tossell, J
M.....3:00pm- 5:50pm (CHM 1128) LAB
Th.....1:00pm- 1:50pm (ZOP 1234) DIS

4624 MWF.....2:00pm- 2:50pm (CHM 1407) Tossell, J
Tu.....12:00pm- 2:50pm (CHM 1111) LAB
Th.....1:00pm- 1:50pm (EGR 2102) DIS

4627 MWF.....2:00pm- 2:50pm (CHM 1407) Tossell, J
Tu.....3:00pm- 5:50pm (CHM 1112) LAB
Th.....1:00pm- 1:50pm (EGR 3110) DIS

4631 MWF.....2:00pm- 2:50pm (CHM 1407) Tossell, J
W.....8:00am-10:50am (CHM 1122) LAB
Th.....2:00pm- 2:50pm (CHE 2116) DIS

4637 MWF.....2:00pm- 2:50pm (CHM 1407) Tossell, J
W.....3:00pm- 5:50pm (CHM 1122) LAB
Th.....2:00pm- 2:50pm (EGR 2102) DIS

4638 MWF.....2:00pm- 2:50pm (CHM 1407) Tossell, J
W.....3:00pm- 5:50pm (CHM 1212) LAB
Th.....2:00pm- 2:50pm (EGR 1108) DIS

4647 MWF.....2:00pm- 2:50pm (CHM 1407) Tossell, J
Th.....3:00pm- 5:50pm (CHM 1122) LAB
Th.....2:00pm- 2:50pm (EGR 0104) DIS

CHEM115 Principles of General Chemistry II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Limited enrollment. Preference given to students with grade of A or B in CHEM 105 or A in CHEM 103. This course is a more rigorous "upper track" version of CHEM 113. 4 credits
(PermReq)

0614 MWF.....10:00am-10:50am (CHM 1402) Poli, R
M.....12:00pm- 2:50pm (CHM 1233) LAB
Th.....8:00am- 8:50am (CHM 0119) DIS

0617 MWF.....10:00am-10:50am (CHM 1402) Poli, R
M.....3:00pm- 5:50pm (CHM 1233) LAB
Th.....8:00am- 8:50am (ZOP 1234) DIS

0621 MWF.....10:00am-10:50am (CHM 1402) Poli, R
Tu.....8:00am-10:50am (CHM 1233) LAB
Th.....9:00am- 9:50am (COL 3112) DIS

0624 MWF.....10:00am-10:50am (CHM 1402) Poli, R
Tu.....12:00pm- 2:50pm (CHM 1233) LAB
Th.....9:00am- 9:50am (MTH 0407) DIS

CHEM233 Organic Chemistry I; Grade Method: REG/P-F/AUD; 4 credits

7114 MWF.....9:00am- 9:50am (CHM 1407) Jarvis, B
M.....12:00pm- 2:50pm (CHM 1216) LAB
Tu.....12:00pm-12:50pm (CHE 2116) DIS

7117 MWF.....9:00am- 9:50am (CHM 1407) Jarvis, B
M.....3:00pm- 5:50pm (CHM 1216) LAB
Tu.....12:00pm-12:50pm (CHM 0127) DIS

7118 MWF.....9:00am- 9:50am (CHM 1407) Jarvis, B
M.....3:00pm- 5:50pm (CHM 1224) LAB
Tu.....12:00pm-12:50pm (ZOP 1228) DIS

7121 MWF.....9:00am- 9:50am (CHM 1407) Jarvis, B
Tu.....8:00am-10:50am (CHM 1216) LAB
Tu.....12:00pm-12:50pm (CHM 0122) DIS

7134 MWF.....9:00am- 9:50am (CHM 1407) Jarvis, B
W.....12:00pm- 2:50pm (CHM 1216) LAB
Tu.....1:00pm- 1:50pm (CHM 0122) DIS

7137 MWF.....9:00am- 9:50am (CHM 1407) Jarvis, B
W.....3:00pm- 5:50pm (CHM 1216) LAB
Tu.....1:00pm- 1:50pm (CHE 2140) DIS

7138 MWF.....9:00am- 9:50am (CHM 1407) Jarvis, B
W.....3:00pm- 5:50pm (CHM 1224) LAB
Tu.....1:00pm- 1:50pm (ZOP 1234) DIS

7141 MWF.....9:00am- 9:50am (CHM 1407) Jarvis, B
Th.....8:00am-10:50am (CHM 1216) LAB
Tu.....1:00pm- 1:50pm (CHE 2118) DIS

7144 MWF.....9:00am- 9:50am (CHM 1407) Jarvis, B
Th.....12:00pm- 2:50pm (CHM 1216) LAB
Tu.....12:00pm-12:50pm (CHM 0124) DIS

7147 MWF.....9:00am- 9:50am (CHM 1407) Jarvis, B
Th.....3:00pm- 5:50pm (CHM 1224) LAB
Tu.....1:00pm- 1:50pm (EGR 3110) DIS

CHEM243 Organic Chemistry II; Grade Method: REG/P-F/AUD; 4 credits

8114 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
M.....12:00pm- 2:50pm (CHM 1221) LAB
Th.....12:00pm-12:50pm (CHE 2116) DIS

8115 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
M.....12:00pm- 2:50pm (CHM 1227) LAB
Th.....12:00pm-12:50pm (EGR 0135) DIS

8121 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
Tu.....8:00am-10:50am (CHM 1221) LAB
Th.....12:00pm-12:50pm (JUL 1105) DIS

8124 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
Tu.....12:00pm- 2:50pm (CHM 1221) LAB
Th.....12:00pm-12:50pm (CHM 0122) DIS

8125 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
Tu.....12:00pm- 2:50pm (CHM 1227) LAB
Th.....12:00pm-12:50pm (CHE 2120) DIS

8131 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
W.....8:00am-10:50am (CHM 1227) LAB
Th.....1:00pm- 1:50pm (CHE 2120) DIS

8134 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
W.....12:00pm- 2:50pm (CHM 1221) LAB
Th.....1:00pm- 1:50pm (CHE 2136) DIS

8135 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
W.....12:00pm- 2:50pm (CHM 1227) LAB
Th.....1:00pm- 1:50pm (ARM 0108) DIS

8141 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
Th.....8:00am-10:50am (CHM 1221) LAB
Th.....1:00pm- 1:50pm (JUL 1105) DIS

8142 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
Th.....8:00am-10:50am (CHM 1227) LAB
Th.....1:00pm- 1:50pm (JMZ 0204) DIS

8147 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
Th.....3:00pm- 5:50pm (CHM 1227) LAB
Th.....1:00pm- 1:50pm (CHM 0122) DIS

8148 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
Th.....3:00pm- 5:50pm (CHM 1221) LAB
Th.....1:00pm- 1:50pm (CHE 2116) DIS

8151 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
F.....8:00am-10:50am (CHM 1221) LAB
Th.....12:00pm-12:50pm (CHM 0127) DIS

8154 MWF.....3:00pm- 3:50pm (CHM 1407) Bailey, W
F.....12:00pm- 2:50pm (CHM 1221) LAB
Th.....12:00pm-12:50pm (CHM 1227) DIS

CHEM245 Principles of Organic Chemistry II; Grade Method: REG/P-F/AUD; Limited enrollment. Preference given to students with grade of A or B in CHEM 235 or A in CHEM 233. This course is a more rigorous "upper track" version of CHEM 243. 4 credits
(PermReq)

0841 MWF.....3:00pm- 3:50pm (CHM 2201) Kozarich, J
Th.....8:00am-10:50am (CHM 1233) LAB
Th.....12:00pm-12:50pm (EGR 3110) DIS

0847 MWF.....3:00pm- 3:50pm (CHM 2201) Kozarich, J
Th.....3:00pm- 5:50pm (CHM 1233) LAB
Th.....1:00pm- 1:50pm (CHE 2140) DIS

CHEM321 Quantitative Analysis; Grade Method: REG/P-F/AUD; 4 credits

0114 MW.....11:00am-11:50am (CHM 1402) Stewart, J
MW.....1:00pm- 3:50pm (CHM 3226) LAB

0124 MW.....11:00am-11:50am (CHM 1402) Stewart, J
TuTh.....12:00pm- 2:50pm (CHM 3226) LAB

CHEM398 Special Projects; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to chemistry honors students. Prior consent of the department required. Consult with Dr. Herndon. 2 credits
(PermReq)

CHEM399 Introduction to Chemical Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Research plans must have prior approval from Dr. Herndon. 1-2 credits
(PermReq)

CHEM401 Inorganic Chemistry; Grade Method: REG/P-F/AUD; 3 credits

0101 MWF.....11:00am-11:50am (CHM 0119) Huheey, J

CHEM421 Advanced Quantitative Analysis; Grade Method: REG/P-F/AUD; 3 credits

0101 MWF.....1:00pm- 1:50pm (CHM 0128) Kasler, F

CHEM425 Instrumental Methods of Analysis; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)

0101 Tu.....8:00am- 8:50am (CHM 0128) Ondov, J
TuTh.....9:00am-11:50am (CHM 3205) LAB

0102 Tu.....8:00am- 8:50am (CHM 0128) Ondov, J
TuTh.....1:00pm- 3:40pm (CHM 3205) LAB

CHEM441 Advanced Organic Chemistry; Grade Method: REG/P-F/AUD; 3 credits

0101 MWF.....10:00am-10:50am (CHM 2201) Mazzocchi, P

CHEM481 Physical Chemistry I; Grade Method: REG/P-F/AUD; 3 credits

0101 MWF.....8:00am- 8:50am (CHM 0115) Castellan, G

CHEM482 Physical Chemistry II; Grade Method: REG/P-F/AUD; 3 credits

0101 MWF.....8:00am- 8:50am (CHM 1402) Khanna, R
0201 MWF.....9:00am- 9:50am (CHM 1402) Thirumalai, D

CHEM483 Physical Chemistry Laboratory I; Grade Method: REG/P-F/AUD; Rooms for second lab times are to be arranged for all sections. 2 credits

0101 M.....1:00pm- 1:50pm (CHM 1402) LAB Weiner, J
M.....2:00pm- 4:50pm (Arranged) LAB

0102 Tu.....1:00pm- 1:50pm (CHM 0127) LAB Weiner, J
Tu.....2:00pm- 4:50pm (Arranged) LAB

0103 W.....1:00pm- 1:50pm (CHM 1402) LAB Weiner, J
W.....2:00pm- 4:50pm (Arranged) LAB

CHEM484 Physical Chemistry Laboratory II; Grade Method: REG/P-F/AUD; Rooms for second lab times are to be arranged for all sections. 2 credits

0101 Tu.....1:00pm- 1:50pm (CHM 2201) LAB Khanna, R
Tu.....2:00pm- 4:50pm (Arranged) LAB

0102 W.....1:00pm- 1:50pm (CHM 2201) LAB Khanna, R
W.....2:00pm- 4:50pm (Arranged) LAB

CHEM487 Computer Applications in the Biological and Chemical Sciences; Grade Method: REG/P-F/AUD; 4 credits

0111 MWF.....11:00am-11:50am (CHM 0127) Murphy, T
M.....3:00pm- 5:50pm (Arranged) LAB

0121 MWF.....11:00am-11:50am (CHM 0127) Murphy, T
Tu.....1:00pm- 3:50pm (Arranged) LAB

0131 MWF.....11:00am-11:50am (CHM 0127) Murphy, T
W.....3:00pm- 5:50pm (Arranged) LAB

0141 MWF.....11:00am-11:50am (CHM 0127) Murphy, T
Th.....1:00pm- 3:50pm (Arranged) LAB

CHEM498B Special Topics in Chemistry: The Periodic Table: S and P Block Elements; Grade Method: REG/P-F/AUD; 3 credits

0101 MWF.....9:00am- 9:50am (CHM 0128) Boyd Jr., A

CHEM608 Selected Topics in Inorganic Chemistry: Electromegativity; Grade Method: REG/AUD; 3 credits

0101 MWF.....1:00pm- 1:50pm (CHM 0124) Huheey, J

WE ALWAYS FIT INTO YOUR SCHEDULE.

AHSSU	Adele H. Stamp Student Union	
ART CENTER	x4754	Sponsor Art and Leisure Mini Courses, Parents Association Gallery. MTuWTh 11am-9pm SaSu 11am-5pm	(Room 0232) Moure, M
HOFF THEATER	x2594	Free sneak previews, feature films. TuWThFSaSu 7pm & 9:30 p.m. TuTh 4pm FSa midnight	(Room 0201) Stiles,J
INFO DESK	x2801	Campus info, bus and Metro schedules. MTuWTh 8am-midnight FSa 8am-1am Su noon-midnight	(Room 1124) LaHoud, V
PROGRAM OFFICE/ S U P C	x4987	Concerts, Lectures, Mini Courses, Games/ Tournaments, Outdoor Rec. MTuWThF 8:30-4:30	(Room 0221) Van der Veer,G
REC CENTER	x2145	Bowling, billiards and video games. MTuWTh 8am-10:30pm FSa 10am-12:30am Su noon-10:30pm	(Room B0100) Sharman, F
RECORD COOP	x5855	Records, tapes and CDs. MTuWTh 9:30am-9pm F 9:30am-8pm Sa 11am-6pm	(Room 0106) Mrusko, A
TICKET OFFICE	x2803	Tickets for school and area events. MTuWThF 10am-4:30pm Sa 9am-noon	(Room 0104) Alperin,B
UNION SHOP	x5928	Snacks, magazines, newspapers, Flower Cart. MTuWTh 7:30am-7:30pm F 7:30am-5pm Sa 11am-5pm	(Room 0118) Alperin, B

AND WE'LL NEVER FAIL YOU.

Stamp Student Union

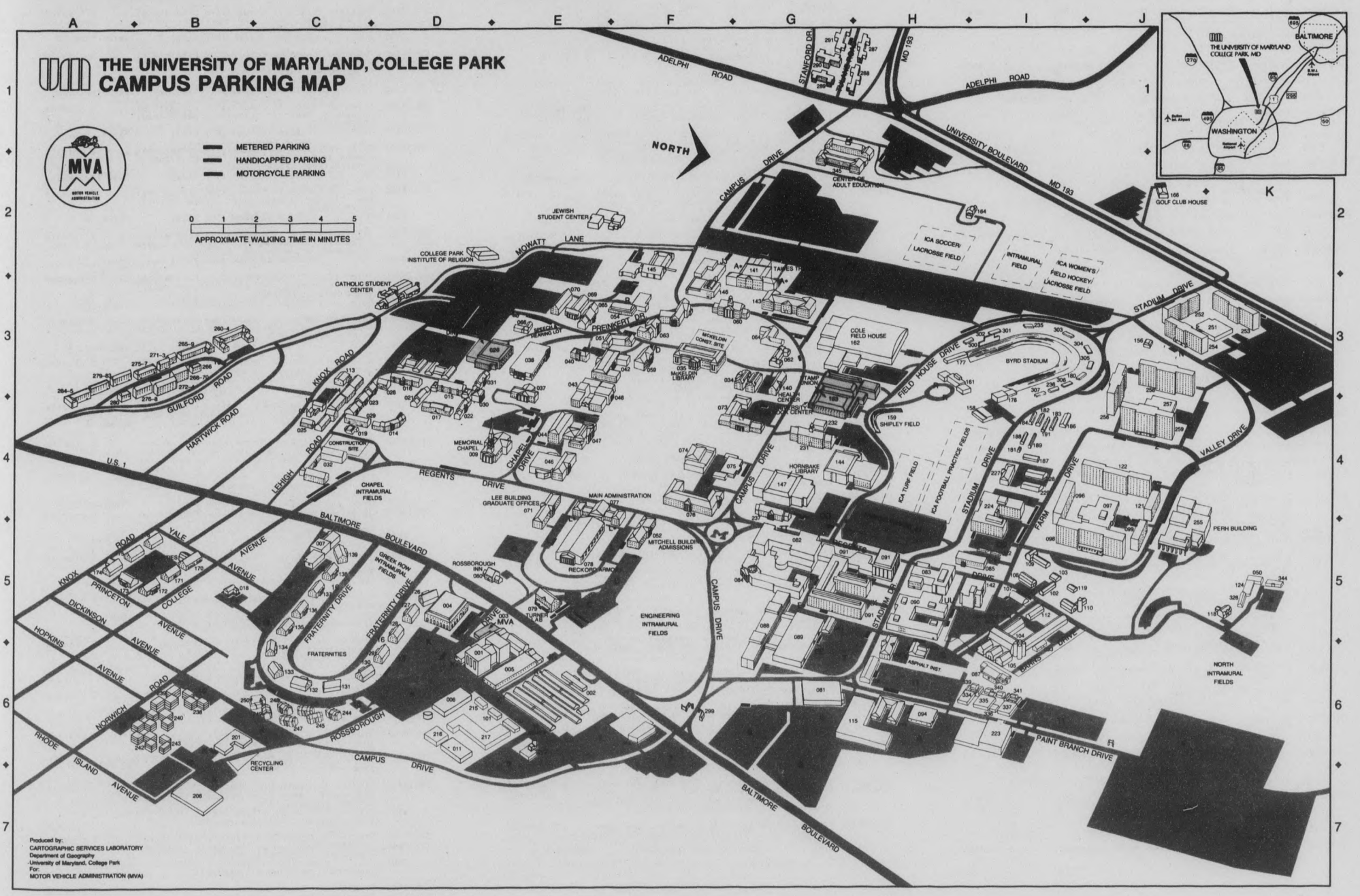
ALPHABETICAL DIRECTORY OF BUILDINGS

024 Allegany Hall (Dorm) C-4
108-110 Animal Barns I-5
104 Animal Sciences Annex I-5
142 Animal Sciences Bldg. H-5
060 Anne Arundel Hall (Dorm) G-3
156 Apiary J-3
145 Architecture Bldg. F-2
146 Art-Sociology Bldg. F-3
092 Asphalt Institute H-6
115 A.V. Williams H-6
016 Baltimore Hall (Dorm) D-3
099 Bel Air Hall (Dorm) J-5
143 Benjamin Bldg. (Education) G-3
160 Byrd Stadium I-3
161 Byrd Stadium, Center Bldg. H-3
015 Calvert Hall (Dorm) D-3
096 Cambridge Hall (Dorm) I-4
343 Campus Mail Facility F-6
070 Caroline Hall (Dorm) E-3
065 Carroll Hall (Dorm) E-3
017 Cecil Hall (Dorm) D-4
345 Center of Adult Education G-2
001 Central Heating Plant D-6
206 Central Receiving Warehouse B-7
098 Centreville Hall (Dorm) J-5
025 Charles Hall (Dorm) C-4
090 Chemical and Nuclear Engineering Bldg. H-5
091 Chemistry Bldg. G-5
121 Chestertown Hall (Dorm) J-4
106 Classroom Bldg. H-6
162 Cole Student Activities Bldg. G-3
224 Computer and Space Sciences Bldg. I-4
122 Cumberland Hall (Dorm) J-4
107 Dairy Science Annex I-5
105 Dairy Science Office I-6
252 Denton Hall (Dorm) J-3
097 Dining Hall (Cambridge) I-4
251 Dining Hall ((Denton) K-3
257 Dining Hall (Ellicott) J-4
064 Dorcester Hall (Dorm) G-3
253 Easton Hall (Dorm) K-3
066 Education Annex, West E-3
254 Elkton Hall (Dorm) J-3
256 Ellicott Hall (Dorm) J-3
223 Energy Research Facility H-6
088 Engineering Classroom Bldg G-5
089 Engineering Laboratory Bldg. G-6
093 Engineering Research Bldg. H-6
007 Fire and Rescue Institute (MD) C-5
158 Football Bldg. I-4
048 Francis Scott Key Hall E-3
126-139 Fraternity Houses C-6
029 Frederick Hall (Dorm) C-4
031 Garrett Hall (Dorm) D-3
299 Gatehouse F-6
237 Geology Bldg. G-4
166 Golf Range J-2
002 Greenhouses E-6
258 Hagerstown Hall (Dorm) J-3
014 Harford Hall (Dorm) D-4
002 Harrison Lab E-6
140 Health Center G-3
074 Holzapfel Hall F-4
147 Hornbake Undergraduate Library G-4
028 Howard Hall (Dorm) D-3
085 Institute for Physical Sciences and Technology I-5
045 Instructional Television Facility G-5
034 Jimenez Bldg. (Foreign Languages) G-3
059 Journalism Bldg. F-3
227 Jull Hall I-4
022 Kent Hall (Dorm) D-4
027 Knox Rd. Office Bldg. East C-4
259 LaPlata Hall (Dorm) J-4
071 Lee Bldg. and Graduate School E-4
038 Le Frak Hall (Social Sciences) E-3
201 Leonardtown Community Bldg. (Employment Office) B-6
238-249 Leonardtown Modular Residences B-6
260-285 Lord Calvert Apts. B-4
077 Main Administration Bldg. E-5
046 Marie Mount Hall E-4
084 Mathematics Bldg. G-5
035 McKeldin Library F-3
009 Memorial Chapel D-4
231 Microbiology Bldg. G-4
232 Mill Bldg. G-4
052 Mitchell Bldg. F-5
032 Montgomery Hall (Dorm) C-4
040 Morrill Hall E-3
011 Motor Transportation Facility D-6
094 Paint Branch Dr. Office Bldg. H-6
179 Parking Garage #1 H-4
202 Parking Garage #2 H-5
073 H. J. Patterson Hall G-4
083 J. M. Patterson Hall H-5
027 Photographic Services C-4
255 Physical Education, Recreation and Health Bldg. J-5
082 Physics Bldg. G-5
006 Plant Operations and Maintenance Shops E-5
003 Police and Service Bldg. E-6
113 Police Substation C-3
181-191 Poultry Bldgs. I-4
054 Preinkert Field House F-3
164 President's Residence I-2
021 Prince George's Hall (Dorm) D-3
061 Queen Anne's Hall (Dorm) F-3
078 Reckord Armory E-5
334-341 Relocatable Buildings I-6
004 Ritchie Coliseum D-5
080 Rossborough Inn (Faculty-Alumni Club)
109 Sheep Barn I-5
159 Shipley Field D-6
037 Shoemaker Bldg. E-3
075 Shriver Lab F-4
013 Shuttle Bus Facility F-4
044 Skinner Bldg. E-4
063 Somerset Hall (Dorm) F-3
170-176 Sorority Houses B-5
026 South Campus Dining Hall E-3
062 St. Mary's Hall (Dorm) G-3
163 Stamp Student Union G-4
076 Symons Hall F-4
030 Talbot Hall (Dorm) D-4
043 Taliaferro Hall E-3
141 Tawes Fine Arts Bldg. G-3
053 Temporary Classroom Bldg. AA D-3
058 Temporary Classroom Bldg. EE D-3
308 Temporary Computer Science I-5
079 Turner Lab (Dairy) E-5
042 Tydings Hall, Millard E. E-3
345 University College (Center of Adult Ed.) G-2
286-292 University Hills Apts. G-1
005 University Press E-6
023 Washington Hall (Dorm) C-4
069 Wicomico Hall (Dorm) E-3
081 Wind Tunnel G-6
047 Woods Hall E-4
051 Worcester Hall (Dorm) F-3
144 Zoology-Psychology Bldg. G-4

SCHEDULE OF CLASSES DIRECTORY OF BUILDING CODES

CODE	BUILDING	LOCATION	NUM.
ASA	Animal Sciences Annex	I-6	104
ANS	Animal Sciences Bldg	H-5	142
ALB	Astronomy Laboratory Bldg	MET	219
API	Apiary	J-3	156
ARC	Architecture Bldg.	F-2	145
ARM	Armory (Reckord)	E-5	078
ASY	Art-Sociology Bldg.	F-3	146
BEB	Beef Barn	I-5	110
BRD	Byrd Stadium	I-3	160
CHE	Chemical Engineering Bldg	H-5	090
CHM	Chemistry Bldg.	G-5	091
CLB	Classroom Bldg.	H-6	106
COL	Cole Student Activities Bldg	G-3	162
CSS	Computer and Space Sciences Bldg.	I-4	224
DSA	Dairy Science Annex & Large Animal Classroom	I-5	107
EDA	Education Annex	E-3	066
EDU	Education (Benjamin)	G-3	143
EGL	Engineering Laboratory Bldg. (Martin)	G-6	089
EGR	Engineering Classroom (Martin)	G-5	088
EPL	East Poultry Lab Bldg	I-4	188
ERB	Engineering Research Bldg	H-6	093
GEO	Geology Bldg.	G-4	237
GLF	Golf Range	J-2	166
HAR	Harrison Lab	E-6	002
HOB	Horse Barn	I-5	108
HBK	Hornbake Undergraduate Library	G-4	147
HJP	H. J. Patterson	G-4	073
HZF	Holzapfel Hall	F-4	074
IPT	Inst. of Physical Sciences and Technology	I-5	085
ITV	Instructional Television Facility	G-5	045
JMP	J. M. Patterson Hall	H-5	083
JMZ	Jimenez Foreign Language	G-3	034
JRN	Journalism Bldg	F-3	059
JUL	Jull Hall	I-4	227
KEY	Francis Scott Key Hall	E-3	048
LAM	Lab Animal Mgt. Classroom	CRF	783
LEF	Lefrak Social Sciences	E-3	038
MCB	Microbiology Bldg	G-4	231
MCK	McKeldin Library	F-3	035
MIL	Mill Bldg.	G-4	232
MMH	Marie Mount Hall	E-4	046
MOR	Morrill Hall	E-3	040
MTH	Mathematics Bldg	G-5	084
PHY	Physics Bldg	G-5	082
PKT	Preinkert Field House	F-3	054
PRH	Physical Education, Recreation and Health Bldg.	J-5	255
RIT	Ritchie Coliseum	D-5	004
SDH	South Campus Dining Hall	E-3	026
SHB	Sheep Barn	I-5	109
SHM	Shoemaker Building	E-3	037
SHR	Shriver Lab	F-4	075
SKN	Skinner Bldg.	E-4	044
SSU	Stamp Student Union	G-4	163
SYM	Symons Hall	F-4	076
TAA	Temporary Classroom AA	D-3	053
TBA	To Be Arranged		
TEE	Temporary Classroom EE	D-3	058
TLF	Taliaferro Hall	E-3	043
TUR	Turner Lab	E-5	079
TYD	Tydings Hall	E-3	042
TWS	Tawes Fine Arts Bldg.	G-3	141
WDS	Woods Hall	E-4	047
WTU	Wind Tunnel	G-6	081
ZOP	Zoology-Psychology Bldg.	G-4	144

Location "CRF" denotes Calvert Road Facilities.
Location "MET" denotes Metzerott Road Facilities.



CHEM623 Optical Methods of Quantitative Analysis; Grade Method: REG/AUD; 3 credits
0101 MWF.....11:00am-11:50am (CHM 0124) O'Haver, T

CHEM640 Problems in Organic Reaction Mechanisms; Grade Method: REG/AUD; 1 credit
0101 F.....10:00am-10:50am (CHM 0128) Herndon, J

CHEM647 Organic Synthesis; Grade Method: REG/AUD; 3 credits
0101 MWF.....8:00am- 8:50am (CHM 2201) Deshong, P

CHEM648 Special Topics in Organic Chemistry: Advanced Electron Transfer Chemistry; Grade Method: REG/AUD; 1 credit
0101 W.....9:00am- 9:50am (CHM 0124) Mariano, P

CHEM660 Spectral Methods; Grade Method: REG/AUD; 2 credits
0101 MW.....10:00am-10:50am (CHM 0128) Herndon, J

CHEM678 Special Topics in Environmental Chemistry; Grade Method: REG/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (CHM 0124) Gordon, G

CHEM687 Statistical Mechanics and Chemistry; Grade Method: REG/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (CHM 2201) Murphy, T

CHEM691 Quantum Chemistry II; Grade Method: REG/AUD; 3 credits
0101 TuTh.....8:00am- 9:15am (CHM 0124) Coplan, M

CHEM699 Special Problems in Chemistry; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Open only to non-thesis Master's degree candidates. 1-6 credits

CHEM705 Nuclear Chemistry; Grade Method: REG/AUD; Taught by Dr. by Alice Mignerey, Distinguished Scholar Teacher. 3 credits
0101 MWF.....10:00am-10:50am (CHM 0124) Mignerey, A

CHEM723 Marine Geochemistry; Grade Method: REG/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (CHM 0128) Helz, G

CHEM799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

CHEM898A Seminar: Analytical, Nuclear and Environmental Chemistry; Grade Method: REG/AUD; 1 credit
0101 F.....3:00pm- 5:00pm (CHM 0128) Kasler, F

CHEM898C Seminar: Inorganic Chemistry; Grade Method: REG/AUD; 1 credit
0101 Tu.....4:00pm- 6:00pm (Arranged) Poli, R

CHEM898D Seminar: Organic Chemistry; Grade Method: REG/AUD; 1 credit
0101 Tu.....4:00pm- 6:00pm (CHM 0115) Mariano, P

CHEM898E Seminar: Physical Chemistry; Grade Method: REG/AUD; 1 credit
0101 W.....4:00pm- 6:00pm (CHM 1325) Weiner, J

CHEM898F Seminar: Chemical Physics; Grade Method: REG/AUD; 1 credit
0101 W.....4:00pm- 6:00pm (CHM 1325) Weiner, J

CHEM898G Seminar: Polymers; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged Bailey, W

CHEM898I Seminar: Transition Metal Chemistry; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Poli, R

CHEM898J Seminar: Natural Products; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged Jarvis, B

CHEM898K Seminar: Photochemistry Mechanics; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged Mariano, P

CHEM898L Seminar: Photochemistry; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged Mazzocchi, P

CHEM898N Seminar: Phosphorus Chemistry; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged Grim, S

CHEM898O Seminar: Natural Water Chemistry; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged Helz, G

CHEM898P Seminar: Chemical Evolution; Grade Method: REG/AUD; 1 credit
0101 W.....4:00pm- 4:50pm (CHM 0128) Ponnamperuma, C

CHEM898Q Seminar: Bioorganic Reaction Mechanisms; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged Kozarich, J

CHEM898R Seminar: Inorganic Environmental Chemistry; Grade Method: REG/AUD; Prerequisite: consent of instructor. Contact instructor to make arrangements. 1 credit
0101 Time and room to be arranged DIS Bellama, J

CHEM899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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CHIN Chinese (Arts and Humanities)

Non-majors: please refer to the Foreign Language Placement Section of the Schedule of Classes.

CHIN102 Elementary Spoken Chinese; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 1124) Chin, T
0201 MWF.....1:00pm- 1:50pm (JMZ 2117) Gardner, J

CHIN103 Elementary Written Chinese; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....10:00am-10:50am (COL 3114) STAFF
0201 MWF.....1:00pm- 1:50pm (JMZ 1104) Yee, A

CHIN203 Intermediate Spoken Chinese II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 1123) Chin, T

CHIN204 Intermediate Written Chinese II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 0120) Sargent, S

CHIN302 Advanced Chinese II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (JMZ 1123) STAFF

CHIN304 Business Chinese II; Grade Method: REG/P-F/AUD; Prerequisite: Completion of CHIN 303. 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 1124) Shen, H

CHIN313 Chinese Poetry and Prose in Translation; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....3:00pm- 3:50pm (JMZ 0122) Sargent, S

CHIN314 Chinese Fiction and Drama in Translation; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....3:00pm- 3:50pm (JMZ 2206) STAFF

CHIN388B Topics in Chinese Literature in Translation: Chinese Calligraphy: Theory and Practice; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....3:00pm- 5:40pm (HBK 0105) Chin, T

CHIN402 Readings in Modern Chinese II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 1123) Shen, H

CHIN403 Classical Chinese I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 1124) Sargent, S

CHIN422 Advanced Chinese Grammar; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 1211) STAFF

CHIN499 (PermReq) Directed Study in Chinese; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

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CHPH Chemical Physics (Comp, Math, & Phys Sci)

CHPH709A Seminar in Chemical Physics: Physical Chemistry; Grade Method: REG/AUD; 1 credit
0101 W.....4:00pm- 6:00pm (CHM 1325) Weiner, J

CHPH709B Seminar in Chemical Physics: Statistical Physics; Grade Method: REG/AUD; 1 credit
0101 Tu.....12:00pm-12:50pm (IPT 1115) Sengers, J

CHPH799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

CHPH899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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CJUS Institute of Criminal Justice and Criminology (Behavior & Social Sci)

CJUS100 Introduction to Law Enforcement; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....9:00am- 9:50am (LEF 2205) Miller, S
0201 TuTh.....2:00pm- 3:15pm (JMZ 0105) STAFF
0301 TuTh.....12:30pm- 1:45pm (SHM 2101) Brooks, L
0401 MWF.....12:00pm-12:50pm (SHM 2102) Miller, S
0501 MWF.....2:00pm- 2:50pm (LEF 2166) STAFF

CJUS220 Investigation in Law Enforcement; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 1202) Verchot, J

CJUS230 Criminal Law in Action; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 0220) Verchot, J

CJUS234 Criminal Procedure and Evidence; Grade Method: REG/P-F/AUD; Prerequisite: CJUS 230. 3 credits
0101 TuTh.....9:30am-10:45am (ARM 0112) Ingraham, B

CJUS300 Criminological and Criminal Justice Research Methods; Grade Method: REG; Prerequisites: CJUS 100, CRIM 220 and one of the following: SOCY 201, PSYC 200, BMGT 230, ECON 421, EDMS 451 or GVPT 422. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 1102) Brooks, L
0201 TuTh.....2:00pm- 3:15pm (TYD 1102) Brooks, L
0301 TuTh.....9:30am-10:45am (LEF 0221) Loftin, C

CJUS320 Introduction to Criminalistics; Grade Method: REG/P-F/AUD; Prerequisite: CJUS 220. 3 credits
0101 TuTh.....6:00pm- 7:15pm (LEF 0208) Mauriello, T
0201 TuTh.....7:30pm- 8:45pm (LEF 0208) Mauriello, T

CJUS330 Contemporary Legal Policy Issues; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prequisite: CJUS 230 and or 234 or equivalent 3 credits
0101 MWF.....10:00am-10:50am (JMZ 0105) Ingraham, B

CJUS340 Concepts of Law Enforcement Administration; Grade Method: REG/P-F/AUD; Prerequisite: CJUS 100 or equivalent. 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 2166) Uchida, C

CJUS350 Law Enforcement-Community Relations; Grade Method: REG/P-F/AUD; Prerequisite: CJUS 100 or equivalent. 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 0105) Sherman, L

CJUS386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: Have junior standing by August 1988; have a 3.2 cumulative GPA, earned a grade of "A" in the course in which assisting. 1-3 credits

CJUS387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: Have junior standing by August 1988, have a 3.2 cumulative GPA, earned a grade of "A" in the course in which assisting. 1-3 credits

CJUS388H (PermReq) Independent Reading in Law Enforcement: Independent Research in Criminal Justice; Grade Method: REG; For honor students only. Consent of instructor. Repeatable to maximum of 6 credits. 3 credits
0101 W.....3:00pm- 4:00pm (LEF 2220R) Wellford, C
Time and room to be arranged DIS
0501 W.....3:00pm- 4:00pm (LEF 2220R) Ingraham, B
Time and room to be arranged DIS

CJUS389H (PermReq) Independent Research in Law Enforcement; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. For honors students only. 3 credits

CJUS398 (PermReq) Law Enforcement Field Training; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: junior standing, majors only. 1-3 credits

CJUS399 (PermReq) Directed Independent Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: senior standing, majors only. 1-3 credits

CJUS462 Special Problems in Security Administration; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....4:00pm- 6:45pm (LEF 2166) Golomb, J

CJUS498A Selected Topics in Criminal Justice: Science in Litigation; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (LEF 1220) Ingraham, B

CJUS498C Selected Topics in Criminal Justice: Police and Campus; Grade Method: REG; 3 credits
0101 MW.....3:30pm- 4:45pm (WDS 0104) Wellford, C

CJUS699 (PermReq) Special Problems in Criminal Justice; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

CJUS699A Special Problems in Criminal Justice: Science in Litigation; Grade Method: REG/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (LEF 1220) Ingraham, B

CJUS799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

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CLAS Classics (Arts and Humanities)

CLAS100 Classical Foundations; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (COL 0104) Duffy, J

CLAS170 Greek and Roman Mythology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (SHM 2102) STAFF

CLAS320 Women in Classical Antiquity; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (COL 0102) Stehle, E

CLAS470 Advanced Greek and Roman Mythology; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MWF.....2:00pm- 2:50pm (COL 3111) Doherty, L

CLAS699 (PermReq) Independent Study in Classical Civilization; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

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CMLT Comparative Literature (Arts and Humanities)

CMLT421 The Classical Tradition and Its Influence in the Middle Ages and the Renaissance; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....9:45am-12:15pm (SKN 1105) STAFF

CMLT430 Literature of the Middle Ages; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0125) Herman, H

CMLT433 Dante and the Romance Tradition; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2125) Russell, C

CMLT461 Romanticism: Early Stages; Grade Method: REG/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 3118) Therrien, M

CMLT479A Major Contemporary Authors: Contempory American Literature; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (TLF 1103) Kauffman, L

CMLT488D Genres: Modern Drama; Grade Method: REG/P-F/AUD; 3 credits
0201 TuTh.....3:30pm- 4:45pm (JMZ 2207) Heyndels, I

CMLT488E Genres: American Drama; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (TLF 1103) Robinson, J
0201 MWF.....12:00pm-12:50pm (TLF 0103) Robinson, J

CMLT498B Selected Topics in Comparative Literature: History of European Ideas; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....1:00pm- 3:00pm (KEY 2119) Haber, F
Time and room to be arranged DIS

CMLT498C Selected Topics in Comparative Literature: French Revolution and Napoleon; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0119) Sutherland, D

CMLT498D Selected Topics in Comparative Literature: History of Ideas in America Since 1865; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0119) Grimsted, D

CMLT498E Selected Topics in Comparative Literature: Aspects of American Society; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0117) Flack, J

CMLT498F Selected Topics in Comparative Literature: Blacks in American Life: 1865 to Present; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....11:00am-12:15pm (KEY 0121) Moss Jr., A

CMLT498G Selected Topics in Comparative Literature: The Italian Renaissance; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 2122) Falvo, G

CMLT498J Selected Topics in Comparative Literature: Cultural Anthropology Principle and Processes; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (SKN 0124) Stuart, W

CMLT498L Selected Topics in Comparative Literature: The Development of the American City; Grade Method: REG/AUD; 3 credits
0101 M.....4:30pm- 7:00pm (LEF 2166) Levin, M

CMLT498N Selected Topics in Comparative Literature: Philosophy of Literature and Film; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (SKN 1113) Levinson, J

CMLT498O Selected Topics in Comparative Literature: Twentieth Century Analytic Philosophy; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (SKN 1106) Odell, S

CMLT498P Selected Topics in Comparative Literature: Philosophy of Art; Grade Method: REG/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (SKN 1106) Brown, J

CMLT498Q Selected Topics in Comparative Literature: Cervantes's Don Quixote; Grade Method: REG/P-F/AUD; The class will be conducted in English. All readings are in English. No Spanish required except for Spanish majors who enroll. Spanish majors will have some outside readings in Spanish. 3 credits
0101 MWF.....10:00am-10:50am (JRN 1103) Zappala, M

CMLT498T Selected Topics in Comparative Literature: Culture and Mental Disorders in Modern America; Grade Method: REG/AUD; 3 credits
0101 MWF.....11:00am-11:50am (TLF 2103) Caughey, J

CMLT498U Selected Topics in Comparative Literature: The Great Depression; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (TLF 2103) Diner, H

CMLT632 (PermReq) The Medieval Romance; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:00pm (TLF 2108) Moser, T
Time and room to be arranged DIS

CMLT639A Studies in the Renaissance: Readings in Renaissance English Literature; Grade Method: REG/AUD; 3 credits
0101 Th.....4:00pm- 6:00pm (KEY 0120) Hamilton, D
Time and room to be arranged LAB

CMLT639B (PermReq) Studies in the Renaissance: Shakespeare; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:00pm (TLF 2103) Mack Jr, M
Time and room to be arranged DIS

CMLT649B Studies in Eighteenth Century Literature: Inter-Disciplinary Readings in Early American History; Grade Method: REG/AUD; 3 credits
0101 Th.....5:00pm- 7:00pm (KEY 2119) Henretta, J
Time and room to be arranged DIS

CMLT649C Studies in Eighteenth Century Literature: Slavery: A Comparative Perspective; Grade Method: REG/AUD; 3 credits
0101 M.....3:00pm- 5:00pm (KEY 2119) Berlin, I
Time and room to be arranged DIS

CMLT649D (PermReq) Studies in Eighteenth Century Literature: Jonathan Swift and the Civic Humanist Tradition; Grade Method: REG/AUD; 3 credits
0101 M.....1:00pm- 3:00pm (TLF 3100) Hammond, E
Time and room to be arranged DIS

CMLT658A (PermReq) Studies in Romanticism: Romanticism and Feminism; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:00pm (TLF 0110) Fraistat, N
Time and room to be arranged DIS

CMLT658B (PermReq) Studies in Romanticism: George Eliot; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:00pm (KEY 0117) David, D
Time and room to be arranged DIS

CMLT679A Seminar in Modern and Contemporary 3 credits
(PermReq) Literature: Modernity and Desillusion; Grade Method: REG/AUD;
0101 M.....4:30pm- 6:30pm (JMZ 3120) Heyndels, R
Time and room to be arranged DIS

CMLT679B Seminar in Modern and Contemporary 3 credits
(PermReq) Literature: Sacred Monsters Brecht-Fitzgerald-Picasso-Rodin; Grade Method: REG/AUD;
0101 Time and room to be arranged Fuegi, J

CMLT679C Seminar in Modern and Contemporary 3 credits
(PermReq) Literature: Text and Film in Production; Grade Method: REG/AUD;
0101 Time and room to be arranged Lifton, M

CMLT679D Seminar in Modern and Contemporary 3 credits
(PermReq) Literature: Postmodernism: Literary Theory and Practice; Grade Method: REG/AUD;
0101 Tu.....7:00pm- 9:00pm (TLF 3100) Caramello, C
Time and room to be arranged DIS

CMLT679E Seminar in Modern and Contemporary 3 credits
(PermReq) Literature: Vanguardism, Feminism, Stein; Grade Method: REG/AUD;
0101 Th.....4:00pm- 6:00pm (TLF 2137) Caramello, C
Time and room to be arranged DIS

CMLT679G Seminar in Modern and Contemporary 3 credits
Literature: Ethnography and American Culture Studies; Grade Method: REG/AUD;
0101 W.....4:00pm- 6:40pm (TLF 2103) Caughey, J

CMLT679J Seminar in Modern and Contemporary 3 credits
Literature: Reading in Afro-American History; Grade Method: REG/AUD;
0101 M.....4:00pm- 6:00pm (KEY 0107) Moss Jr., A
Time and room to be arranged DIS

CMLT679K Seminar in Modern and Contemporary 3 credits
Literature: Reading in Modern European History; Grade Method: REG/AUD;
0101 Th.....4:00pm- 6:00pm (KEY 1118) Kent, G
Time and room to be arranged DIS

CMLT679L Seminar in Modern and Contemporary 3 credits
Literature: Social and Cultural History of Europe; Grade Method: REG/AUD;
0101 W.....7:00pm- 9:00pm (KEY 1118) Sutherland, D
Time and room to be arranged DIS

CMLT679M Seminar in Modern and Contemporary 3 credits
Literature: Theories of Mass Communication; Grade Method: REG/AUD;
0101 Tu.....6:00pm- 9:00pm (JRN 1116) Levy, M

CMLT679N Seminar in Modern and Contemporary 3 credits
Literature: Cross-Cultural Communication; Grade Method: REG/AUD;
0101 M.....9:00am-12:00pm (JRN 1116) Martin, L

CMLT679O Seminar in Modern and Contemporary 3 credits
(PermReq) Literature: Methods of Cultural Analysis; Grade Method: REG/AUD;
0101 Th.....7:00pm- 9:40pm (WDS 1131) Whitehead, T '

CMLT679P Seminar in Modern and Contemporary 3 credits
Literature: Current Devlopments in Anthropology; Grade Method: REG/AUD;
0101 Time and room to be arranged Stuart, W

CMLT679Q Seminar in Modern and Contemporary 3 credits
(PermReq) Literature: Popular Culture in America; Grade Method: REG/AUD;
0101 Tu.....7:00pm- 9:40pm (TLF 2101) Mintz, L

CMLT679U Seminar in Modern and Contemporary 3 credits
Literature: Formal Theories in Politics; Grade Method: REG/AUD;
0101 Th.....7:00pm- 9:45pm (LEF 2138) Soltan, K

CMLT679V Seminar in Modern and Contemporary 3 credits
Literature: American Political Theory; Grade Method: REG/AUD;
0101 Tu.....7:00pm- 9:45pm (LEF 1208) Terchek, R

CMLT679W Seminar in Modern and Contemporary 3 credits
Literature: Cultural Marxism and the Critical Theory of Society; Grade Method: REG/AUD;
0101 Tu.....6:30pm- 9:15pm (LEF 2176) Alford, C

CMLT799 Master's Thesis Research; Grade Method: 1-6 credits
(PermReq) REG; Individual Instruction course: contact department or instructor to obtain section number.

CMLT801 Seminar in Themes and Types; Grade Method: 3 credits
(PermReq) REG;
0101 Th.....7:00pm- 9:00pm (TLF 0108) Isaacs, N
Time and room to be arranged DIS

CMLT899 Doctoral Dissertation Research; Grade 1-8 credits
(PermReq) Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

CMSC Computer Science (Comp, Math, & Phys Sci)

CMSC103 Introduction to Computing; Grade Method: 3 credits
REG/P-F/AUD;
0101 MWF.....9:00am- 9:50am (SKN 0200) Kaye, G
0201 MWF.....10:00am-10:50am (SKN 0200) Kaye, G

CMSC103L Introduction to Computing; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Restricted to Liberal Arts in Business students. Permission of Arts and Humanities Dean.
0101 TuTh.....12:30pm- 1:45pm (Arranged) Wang, K

CMSC110 Introduction to Fortran Programming; Grade 4 credits
Method: REG/P-F/AUD; Computer science majors should take CMSC 112.
0101 TuTh.....8:00am- 9:15am (CSS 2324) Williams, J
WF.....9:00am- 9:50am (CSS 2330) DIS
0102 TuTh.....8:00am- 9:15am (CSS 2324) Williams, J
WF.....9:00am- 9:50am (CSS 2352) DIS
0103 TuTh.....8:00am- 9:15am (CSS 2324) Williams, J
WF.....10:00am-10:50am (CSS 2330) DIS
0104 TuTh.....8:00am- 9:15am (CSS 2324) Williams, J
WF.....10:00am-10:50am (CSS 2352) DIS

CMSC112 Computer Science I; Grade Method: 4 credits
REG/P-F/AUD; First course for majors. MATH 140 is corequisite.
0101 TuTh.....9:30am-10:45am (CSS 2324) Johnson, G
WF.....9:00am- 9:50am (CLB 0109) DIS
0102 TuTh.....9:30am-10:45am (CSS 2324) Johnson, G
WF.....9:00am- 9:50am (CLB 0102) DIS
0103 TuTh.....9:30am-10:45am (CSS 2324) Johnson, G
WF.....10:00am-10:50am (CLB 0109) DIS
0104 TuTh.....9:30am-10:45am (CSS 2324) Johnson, G
WF.....10:00am-10:50am (CLB 0102) DIS
0105 TuTh.....9:30am-10:45am (CSS 2324) Johnson, G
WF.....11:00am-11:50am (CLB 0109) DIS

CMSC113 Computer Science II; Grade Method: 4 credits
REG/P-F/AUD; MATH 141 is corequisite, CMSC 112 is prerequisite.
0101 TuTh.....11:00am-12:15pm (CSS 2324) STAFF
MW.....11:00am-11:50am (CSS 2330) DIS
0102 TuTh.....11:00am-12:15pm (CSS 2324) STAFF
MW.....12:00pm-12:50pm (CSS 2352) DIS
0103 TuTh.....11:00am-12:15pm (CSS 2324) STAFF
MW.....12:00pm-12:50pm (CSS 2330) DIS
0104 TuTh.....11:00am-12:15pm (CSS 2324) STAFF
MW.....1:00pm- 1:50pm (CSS 2352) DIS
0105 TuTh.....11:00am-12:15pm (CSS 2324) STAFF
MW.....1:00pm- 1:50pm (CSS 2330) DIS

CMSC120 Introduction to Pascal Programming; Grade 4 credits
Method: REG/P-F/AUD;
0101 TuTh.....9:30am-10:45am (CSS 2330) Williams, J
WF.....11:00am-11:50am (CSS 2352) DIS

CMSC211 Assembly Language Programming; Grade 3 credits
Method: REG/P-F/AUD; Prerequisite: CMSC 113 or 120.
0101 TuTh.....2:00pm- 2:50pm (CLB 0111) Park, C
MW.....1:00pm- 1:50pm (CLB 0104) DIS
0102 TuTh.....2:00pm- 2:50pm (CLB 0111) Park, C
MW.....2:00pm- 2:50pm (CLB 0104) DIS

CMSC220 Introduction to File Processing; Grade 3 credits
Method: REG/P-F/AUD; Prerequisite: CMSC 113 or 120.
0101 TuTh.....2:00pm- 3:15pm (CSS 2324) Eastman, R

CMSC250 Introduction to Discrete Structures; Grade 3 credits
Method: REG/P-F/AUD; Prerequisite: MATH 140.
0101 MWF.....10:00am-10:50am (CLB 0111) Austing, R
0201 MWF.....11:00am-11:50am (CLB 0111) Austing, R

CMSC311 Computer Organization; Grade Method: 3 credits
(PermReq) REG/P-F; Prerequisite: CMSC 113.
0101 TuTh.....3:30pm- 4:45pm (CLB 0111) Chu, Y

CMSC330 Organization of Programming Languages; 3 credits
(PermReq) Grade Method: REG/P-F; Prerequisite: CMSC 113.
0101 MW.....2:00pm- 2:50pm (CSS 2324) Purtilo, J
F.....1:00pm- 1:50pm (CSS 2330) DIS
0102 MW.....2:00pm- 2:50pm (CSS 2324) Purtilo, J
F.....1:00pm- 1:50pm (CSS 2352) DIS
0103 MW.....2:00pm- 2:50pm (CSS 2324) Purtilo, J
F.....2:00pm- 2:50pm (CSS 2330) DIS
0104 MW.....2:00pm- 2:50pm (CSS 2324) Purtilo, J
F.....2:00pm- 2:50pm (CSS 2352) DIS

CMSC386 Field Work; Grade Method: REG/P-F; 1 credit
(PermReq) Individual Instruction course: contact department or instructor to obtain section number. Need faculty sponsor first.

CMSC387 Field Work Analysis; Grade Method: 2 credits
(PermReq) REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. Need faculty sponsor first.

CMSC390 Honors Paper; Grade Method: REG; 3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: acceptance to CMSC Honors Program.

CMSC411 Computer System Architecture; Grade 3 credits
(PermReq) Method: REG/P-F; Prerequisite: CMSC 311.
0201 TuTh.....3:30pm- 4:45pm (CLB 0102) Park, C

CMSC412 Operating Systems; Grade Method: REG/P-F; 3 credits
(PermReq) Prerequisite: CMSC 311.
0101 TuTh.....11:00am-12:15pm (CLB 0104) Salem, K

CMSC415 Systems Programming; Grade Method: 3 credits
(PermReq) REG/P-F; Prerequisite: CMSC 412.
0101 TuTh.....11:00am-12:15pm (CLB 0111) Carson, S

CMSC420 Data Structures; Grade Method: REG/P-F; 3 credits
(PermReq) Prerequisite: CMSC 220.
0101 TuTh.....2:00pm- 3:15pm (CLB 0109) Elman, H
0301 TuTh.....6:30pm- 7:45pm (EGR 2107) Shapiro, B

CMSC424 Database Design; Grade Method: REG/P-F; 3 credits
(PermReq) Prerequisite: CMSC 420.
0101 TuTh.....12:30pm- 1:45pm (EGR 2107) Mark, L
0201 TuTh.....3:30pm- 4:45pm (CLB 0104) Sellis, T

CMSC426 Image Processing; Grade Method: REG/P-F; 3 credits
(PermReq) Prerequisite: CMSC 420.
0101 TuTh.....5:00pm- 6:15pm (CLB 0104) Kanal, L

CMSC430 Theory of Language Translation; Grade 3 credits
(PermReq) Method: REG/P-F; Prerequisite: CMSC 330.
0101 TuTh.....11:00am-12:15pm (CLB 0102) Furuta, R
0201 TuTh.....8:00am- 9:15am (EGR 2107) Barth, C

CMSC434 Human Factors in Computer and Information 3 credits
(PermReq) Systems; Grade Method: REG/P-F/AUD; Prerequisites: CMSC 330, STAT 400, PSYC 100. Crosslisted with CMSC 828D.
0101 TuTh.....9:30am-10:45am (CLB 0109) Shneiderman, B

CMSC450 Elementary Logic and Algorithms; Grade 3 credits
(PermReq) Method: REG/P-F; Crosslisted with MATH 444. Prerequisite: MATH 240 or CMSC 250.
0101 MWF.....12:00pm-12:50pm (EGR 2107) Green, P
0201 MWF.....1:00pm- 1:50pm (MTH 0306) Owings Jr., J

CMSC451 Design and Analysis of Computer 3 credits
(PermReq) Algorithms; Grade Method: REG/P-F; Prerequisite: CMSC 113 and 250; CMSC 420 recommended.
0101 MW.....9:00am-10:15am (CLB 0104) Kruskal, C
0201 TuTh.....9:30am-10:45am (CLB 0102) Mount, D

CMSC452 Elementary Theory of Computation; Grade 3 credits
(PermReq) Method: REG/P-F; Prerequisite: CMSC 113 and 250.
0101 TuTh.....11:00am-12:15pm (EGR 2107) Edmundson, H
0201 TuTh.....12:30pm- 1:45pm (CLB 0111) Oleary, D

CMSC460 Computational Methods; Grade Method: 3 credits
(PermReq) REG/P-F; Credit will be given for only one of the two courses: CMSC 460 or CMSC 466 (470). Crosslisted with MAPL 460. Prerequisite: MATH 240 and 241 and CMSC 110 or 113.
0101 MWF.....9:00am- 9:50am (CHM 0127) Nochetto, R
0201 TuTh.....12:30pm- 1:45pm (MTH 0201) Vogelius, M

CMSC466 Introduction to Numerical Analysis I; 3 credits
(PermReq) Grade Method: REG/P-F/AUD; Prerequisites: MATH 240, MATH 241 and CMSC 110 or equivalent. Credit will be given for only one of the two courses: CMSC 460 or CMSC 466 (470). Crosslisted with MAPL 466.
0101 MWF.....10:00am-10:50am (EGR 2107) Hummel, J
0201 TuTh.....9:30am-10:45am (MTH 0401) Stewart, G

CMSC467 Introduction to Numerical Analysis II; 3 credits
(PermReq) Grade Method: REG/P-F; Crosslisted with MAPL 467. Prerequisite: CMSC/MAPL 466.
0101 MWF.....10:00am-10:50am (MTH 0302) Babuska, I

CMSC475 Combinatorics and Graph Theory; Grade 3 credits
(PermReq) Method: REG/P-F/AUD; Prerequisites: MATH 240 and 241. Cross-listed with MATH 475.
0101 TuTh.....2:00pm- 3:15pm (MTH 0405) Evans, L

CMSC498A Special Problems in Computer Science; 1-3 credits
(PermReq) Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. Need faculty sponsor first.

CMSC498C Special Problems in Computer Science: 1-3 credits
(PermReq) Computer Graphics; Grade Method: REG/P-F/AUD; Crosslisted with CMSC 828C.
0101 TuTh.....3:30pm- 4:45pm (EGR 2107) Knott, G

CMSC498E Special Problems in Computer Science: 3 credits
(PermReq) Computers and Society; Grade Method: REG/P-F;
0101 MWF.....9:00am- 9:50am (CLB 0111) Atchison, W

CMSC498I Special Problems in Computer Science: 1-3 credits
(PermReq) Theories of Information; Grade Method: REG/P-F/AUD; Crosslisted with CMSC 798I.
0101 TuTh.....3:30pm- 4:45pm (CHM 2201) Edmundson, H

CMSC612 Computer Systems Theory; Grade Method: 3 credits
(PermReq) REG/AUD; Prerequisites: CMSC 411, 412 and STAT 400.
0101 TuTh.....2:00pm- 3:15pm (CSS 2330) Shankar, A

CMSC620 Problem Solving Methods in Artificial 3 credits
(PermReq) Intelligence; Grade Method: REG/AUD; Prerequisite: CMSC 420 and 450.
0201 TuTh.....2:00pm- 3:15pm (CLB 0104) Aloimonos, J

CMSC624 Database Management Systems; Grade Method: 3 credits
(PermReq) REG/AUD; Prerequisite: CMSC 424 or permission of instructor.
0101 TuTh.....2:00pm- 3:15pm (ITV 1111) Faloutsos, C

CMSC630 Theory of Programming Languages; Grade 3 credits
(PermReq) Method: REG/AUD; Prerequisite: CMSC 430.
0101 TuTh.....11:00am-12:15pm (ITV 1111) Rombach, H

CMSC650 Theory of Computing; Grade Method: 3 credits
(PermReq) REG/AUD; Prerequisite: CMSC 452.
0101 MW.....11:00am-12:15pm (CLB 0104) Smith, C

CMSC651 Analysis of Algorithms; Grade Method: 3 credits
(PermReq) REG/AUD; Prerequisite: CMSC 451.
0101 MW.....12:30pm- 1:45pm (CLB 0111) Gasarch, W

CMSC666 Numerical Analysis I; Grade Method: 3 credits
(PermReq) REG/AUD; Prerequisites: CMSC/MAPL 466 and MATH 410.
0101 TuTh.....2:00pm- 3:15pm (MTH 0303) Stewart, G

CMSC667 Numerical Analysis II; Grade Method: 3 credits
(PermReq) REG/AUD; Crosslisted with MAPL 667. Prerequisite: CMSC/MAPL 666.
0101 MWF.....2:00pm- 2:50pm (MTH 0305) Arnold, D

CMSC720 Logic for Problem Solving; Grade Method: 3 credits
(PermReq) REG/AUD; Prerequisite: CMSC 620.
0101 TuTh.....12:30pm- 1:45pm (CLB 0109) Minker, J

CMSC772 Numerical Solution of Nonlinear Equations; 3 credits
(PermReq) Grade Method: REG/AUD; Prerequsite: CMSC/MAPL 466, 467, MATH 410 or consent of instructor. Crosslisted with MAPL 604.
0101 TuTh.....3:30pm- 4:45pm (MTH 0306) Kellogg, R

CMSC798A Graduate Seminar in Computer Science; 1-3 credits
(PermReq) Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

CMSC798I Graduate Seminar in Computer Science: 1-3 credits
(PermReq) Theories of Information; Grade Method: REG/AUD;
0101 TuTh.....3:30pm- 4:45pm (CHM 2201) Edmundson, H

CMSC799 Master's Thesis Research; Grade Method: 1-6 credits
(PermReq) REG; Individual Instruction course: contact department or instructor to obtain section number.

CMSC818A Advanced Topics in Computer Systems; Grade 1-3 credits
(PermReq) Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

CMSC818J Advanced Topics in Computer Systems: Fault 1-3 credits
(PermReq) Tolerance; Grade Method: REG/AUD;
0101 TuTh.....2:00pm- 3:15pm (CSS 2352) Jalote, P

CMSC828A Advanced Topics in Information Processing; 1-3 credits
(PermReq) Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

CMSC828C Advanced Topics in Information Processing: 1-3 credits
(PermReq) Computer Graphics; Grade Method: REG/AUD; Crosslisted with CMSC 498C.
0101 TuTh.....3:30pm- 4:45pm (EGR 2107) Knott, G

CMSC828D Advanced Topics in Information Processing: 3 credits
(PermReq) Human Factors in Computer and Information Systems; Grade Method: REG/AUD; Prerequisites: CMSC 330, STAT 400, PSYC 100. Crosslisted with CMSC 434.
0101 TuTh.....9:30am-10:45am (CLB 0109) Shneiderman, B

CMSC828J Advanced Topics in Information Processing: 1-3 credits
(PermReq) Natural Language Processing; Grade Method: REG/AUD;
0101 TuTh.....12:30pm- 1:45pm (CLB 0102) Hendler, J

CMSC828R Advanced Topics in Information Processing: 1-3 credits
(PermReq) Advanced Topics in Data Base Systems; Grade Method: REG/AUD;
0101 MW.....1:00pm- 2:15pm (EGR 3114) Roussopoulos, N

CMSC838A Advanced Topics in Programming Languages; 1-3 credits
(PermReq) Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

CMSC838P Advanced Topics in Programming Languages: 1-3 credits
(PermReq) Topics in Programming Environments; Grade Method: REG/AUD;
0101 W.....3:00pm- 5:40pm (CLB 0109) Pugh, W

CMSC838Z Advanced Topics in Programming Languages: 1-3 credits
(PermReq) Open Systems and System Standardization; Grade Method: REG/AUD;
0101 M.....1:00pm- 3:30pm (CLB 0109) Zelkowitz, M

CMSC858A Advanced Topics in Theory of Computing; 1-3 credits
(PermReq) Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

CMSC878A Advanced Topics in Numerical Methods; 1-3 credits
(PermReq) Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

CMSC899 Doctoral Dissertation Research; Grade 1-8 credits
(PermReq) Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

CNEC Consumer Economics (Human Ecology)

CNEC100 Introduction to Consumer Economics; Grade 3 credits
Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;
0101 TuTh.....9:30am-10:45am (MMH 1400) Turner, P

CNEC298A Special Topics: Introduction to 3 credits
(PermReq) Information Technology; Grade Method: REG/AUD; Limited to freshman and sophmores who are majors in textiles and consumer economics.
0101 MW.....11:00am-11:50am (MMH 2212) Pourdeyhimi, B
F.....11:00am-12:50pm (MMH 2212) LAB

CNEC310 Consumer Economics and Public Policy; 3 credits
Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: ECON 201 and 203.
0101 TuTh.....2:00pm- 3:15pm (MMH 1304) Soberon-Ferrer,

CNEC385 Junior Honors Seminar; Grade Method: S-F; 1 credit
(PermReq) Limited to departmental majors.
0101 Time and room to be arranged STAFF

CNEC396 Field Work and Analysis in Consumer 3-6 credits
(PermReq) Economics; Grade Method: S-F; Majors only.
0101 Time and room to be arranged Dardis, R

CNEC400 Research Methods; Grade Method: 3 credits
REG/P-F/AUD;
0101 TuTh.....9:30am-10:45am (MMH 3418) Soberon-Ferrer,

CNEC431 The Consumer and the Law; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement;
0101 M.....6:00pm- 8:40pm (MMH 1400) Jakitsch, R
0301 Tu.....6:00pm- 8:40pm (MMH 1400) Goldberg, F
0401 W.....6:30pm- 9:10pm (MMH 1400) Ensor, B
0501 Th.....3:30pm- 6:10pm (MMH 1400) Brannigan, V

CNEC433 Consumer Law: Advertising and 3 credits
Solicitation; Grade Method: REG/P-F/AUD; Course offered in spring semester only.
0101 W.....3:00pm- 5:30pm (MMH 1304) Brannigan, V

CNEC435 Economics of Consumption; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Course offered in spring semester only. Prerequisites: ECON 201 and ECON 203.
0101 TuTh.....12:30pm- 1:45pm (ARM 0116) Verma, S

CNEC437 Consumer Behavior; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: PSYC 100 and SOCY 100.
0101 TuTh.....11:00am-12:15pm (ARM 0117) Ettenson, R
0201 TuTh.....8:00am- 9:15am (MMH 1400) Hacklander, E
0301 M.....6:00pm- 8:30pm (LEF 1220) STAFF

CNEC455 Product Standards; Grade Method: 3 credits
REG/P-F/AUD; Course offered in spring semester only.
0101 M.....3:30pm- 6:10pm (MMH 0108) Spivak, S

CNEC488 Senior Honors Thesis; Grade Method: S-F; 1-4 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number.

CNEC498 Special Studies; Grade Method: 2-4 credits
(PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

COOP Cooperative Education Program (Undergraduate Studies)

COOP098 Co-Op Work Experience I; Grade Method: No credit
(PermReq) S-F;
0101 Time and room to be arranged Mintz, S

COOP099 Co-Op Work Experience II; Grade Method: No credit
(PermReq) S-F;
0101 Time and room to be arranged Mintz, S

CRIM Criminology (Behavior & Social Sci)

CRIM220 Criminology; Grade Method: REG/P-F/AUD; 3 credits
Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;
0101 MWF.....11:00am-11:50am (TLF 0124) Katzenelson, S
0201 TuTh.....9:30am-10:45am (COL 3109) Siman, B
0301 MWF.....9:00am- 9:50am (TYD 1102) Katzenelson, S
0401 TuTh.....12:30pm- 1:45pm (TLF 0124) Siman, B

CRIM300 Criminology Research Methods; Grade 3 credits
Method: REG;
0101 TuTh.....9:30am-10:45am (TYD 1102) Brooks, L
0201 TuTh.....2:00pm- 3:15pm (TYD 1102) Brooks, L
0301 TuTh.....9:30am-10:45am (LEF 0221) Loftin, C

CRIM359 Field Training in Criminology and 1-3 credits
(PermReq) Corrections; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: CRIM 220 and CRIM 450, majors only and consent of instructor.

CRIM386 Field Work; Grade Method: REG; Individual 1-3 credits
(PermReq) Instruction course: contact department or instructor to obtain section number. Prerequisite: Have junior standing by Aug 1988, have a 3.2 cumulative GPA, earned a grade of "A" in the course in which assisting.

CRIM387 Field Work Analysis; Grade Method: REG; 1-3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: Have junior standing by Aug 1988, have a 3.2 cumulative GPA, earned a grade of 'A' in the course in which assisting.

CRIM388H Independent Reading Course in Criminology; 3 credits
(PermReq) Grade Method: REG; For honor students only. Prerequisite: SOCY 100.
0101 W.....3:00pm- 4:00pm (LEF 2220R) Wellford, C
Time and room to be arranged DIS
0501 W.....3:00pm- 4:00pm (LEF 2220R) Ingraham, B
Time and room to be arranged DIS

CRIM389H Independent Research in Criminology; Grade 3 credits
(PermReq) Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: for honors students only.

CRIM399 Independent Study in Criminology; Grade 1-3 credits
(PermReq) Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: written consent of faculty under whose direction the study is to be performed, and at least twelve hours of criminology credits.

CRIM450 Juvenile Delinquency; Grade Method: 3 credits
REG/P-F/AUD;
0101 MWF.....11:00am-11:50am (CSS 2324) Iovanni, L
0201 TuTh.....9:30am-10:45am (LEF 1221) Iovanni, L

CRIM451 Crime and Delinquency Prevention; Grade 3 credits
Method: REG/P-F/AUD; Prerequisites: CRIM 220 or CRIM 450 or consent of instructor.
0101 TuTh.....11:00am-12:15pm (CHM 1402) Gottfredson, D

CRIM452 Treatment of Criminals and Delinquents in 3 credits
the Community; Grade Method: REG/P-F/AUD; Prerequisite: CRIM 220 or CRIM 450 or consent of instructor.
0101 MWF.....12:00pm-12:50pm (TLF 0101) Katzenelson, S

CRIM453 Institutional Treatment of Criminals and 3 credits
Delinquents; Grade Method: REG/P-F/AUD; Prerequisite: CRIM 220 or CRIM 450 or consent of instructor.
0101 MWF.....9:00am- 9:50am (TYD 1101) Maida, P

CRIM454 Contemporary Criminological Theory; Grade 3 credits
Method: REG/P-F/AUD; Prerequisite: CRIM 220 and CRIM 450 and one additional course selected from CRIM 451, CRIM 452, or CRIM 453.
0101 TuTh.....2:00pm- 3:15pm (TYD 1101) STAFF

CRIM455 Psychology of Criminal Behavior; Grade 3 credits
Method: REG/P-F/AUD; Prerequisite: CRIM 220 or equivalent.
0101 MWF.....1:00pm- 1:50pm (TYD 1102) STAFF

CRIM498B Selected Topics in Criminology: 3 credits
Neighborhood Justice and the Criminal Justice System; Grade Method: REG; Prerequisite: LENF 100 or CRIM 220.
0101 W.....2:00pm- 4:45pm (LEF 1220) Maida, P

CRIM498C Selected Topics in Criminology: Field 3 credits
(PermReq) Experimentation in Criminology; Grade Method: REG;
0101 Tu.....4:00pm- 6:45pm (LEF 2208) Sherman, L

CRIM610 Research Methods in Criminal Justice and 3 credits
Criminology; Grade Method: REG;
0101 Th.....4:00pm- 6:45pm (LEF 1222) Loftin, C

CRIM650 Advanced Criminology; Grade Method: REG; 3 credits
0101 Tu.....4:00pm- 6:45pm (LEF 1222) Paternoster, R

CRIM651 Seminar in Criminology; Grade Method: 3 credits
REG/AUD;
0101 M.....4:00pm- 6:45pm (LEF 2208) Wellford, C

CRIM654 History of Criminological Thought; Grade 3 credits
Method: REG; Prerequisite: CRIM 454 or its equivalent.
0101 W.....4:00pm- 6:45pm (LEF 1210) Paternoster, R

CRIM699 Special Criminological Problems; Grade 1-3 credits
(PermReq) Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

CRIM699A Special Criminological Problems: Advanced 3 credits
Criminological Research Methods; Grade Method: REG;
0101 Th.....4:00pm- 6:45pm (LEF 2208) Smith, D

CRIM699B Special Criminological Problems: Field 3 credits
(PermReq) Experimentation in Criminology; Grade Method: REG;
0101 Tu.....4:00pm- 6:45pm (LEF 2208) Sherman, L

CRIM699D Special Criminological Problems: 3 credits
Neighborhood Justice and the Criminal Justice System; Grade Method: REG; Prerequisite: CJUS 100 or CRIM 220.
0101 W.....2:00pm- 4:45pm (LEF 1220) Maida, P

CRIM799 Master's Thesis Research; Grade Method: 1-6 credits
(PermReq) REG; Individual Instruction course: contact department or instructor to obtain section number.

CRIM899 Doctoral Dissertation Research; Grade 1-8 credits
(PermReq) Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

DANC Dance (Arts and Humanities)

DANC100 Modern Dance I For Non-Majors; Grade 2 credits
Method: REG/P-F/AUD;
0101 MWF.....10:00am-10:50am (TEE 1115) LAB Warren, L
0102 MWF.....12:00pm-12:50pm (PKT 2102) LAB Rutter-Hill, L
0103 MWF.....1:00pm- 1:50pm (PKT 2102) LAB Mayes, A
0104 MWF.....2:00pm- 2:50pm (PKT 2102) LAB Mayes, A
0105 TuTh.....9:30am-10:45am (TEE 1115) LAB Jackson, P
0106 TuTh.....12:30pm- 1:45pm (TEE 1115) LAB Haigler de Robl
0107 TuTh.....2:00pm- 3:15pm (TEE 1115) LAB Rosen, M
0108 TuTh.....5:00pm- 6:15pm (PKT 2102) LAB Haigler de Robl

DANC104 Modern Dance II For Non-Majors; Grade 2 credits
Method: REG/P-F/AUD; Prerequisite: DANC 100.
0101 TuTh.....11:00am-12:15pm (TEE 1115) LAB Warren, A
0102 TuTh.....6:30pm- 7:45pm (PKT 2102) LAB Mayes, A

DANC109 Improvisation I; Grade Method: 2 credits
REG/P-F/AUD;
0101 TuTh.....9:30am-10:45am (TAA 1103) LAB Warren, L

DANC124 Ballet I For Non-Majors; Grade Method: 2 credits
REG/P-F/AUD;
0101 MWF.....9:00am- 9:50am (PKT 2102) LAB Druker, S
0102 MWF.....10:00am-10:50am (PKT 2102) LAB Druker, S
0103 MWF.....11:00am-11:50am (PKT 2102) LAB Druker, S

DANC127 Ballet II For Non-Majors; Grade Method: 2 credits
REG/P-F/AUD; Prerequisite: DANC 124.
0101 TuTh.....9:30am-10:45am (PKT 2102) LAB Fleitell, S
0102 TuTh.....12:30pm- 1:45pm (PKT 2102) LAB Druker, S

DANC154 Jazz I For Non-Majors; Grade Method: 2 credits
REG/P-F/AUD;
0101 TuTh.....3:30pm- 4:45pm (TEE 1115) Mayes, A

DANC158 Jazz I For Majors Only; Grade Method: 2 credits
REG/P-F/AUD; Non-majors admitted.
0101 TuTh.....3:30pm- 4:45pm (TAA 1103) LAB Frosch-Schroder

DANC199 Practicum in Choreography, Production and 1-2 credits
(PermReq) Performance I; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

DANC199A Practicum in Choreography, Production and 2 credits
Performance I: TAP DANCE (Intermediate); Grade Method: REG/P-F/AUD;
0101 TuTh.....2:00pm- 3:15pm (TAA 1103) LAB Slater, M

DANC200 Introduction to Dance; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement;
0101 MWF.....11:00am-11:50am (TAA 1124) Rosen, M
0201 MWF.....2:00pm- 2:50pm (TAA 1124) Rutter-Hill, L
0301 TuTh.....11:00am-12:15pm (TAA 1124) Fleitell, S
0401 TuTh.....2:00pm- 3:15pm (TAA 1124) Warren, A
0501 MWF.....3:00pm- 3:50pm (TAA 1124) Frosch-Schroder

DANC210 Dance Production; Grade Method: 3 credits
REG/P-F/AUD;
0101 MWF.....3:30pm- 4:50pm (TEE 1115) Jackson, P

DANC228 Ballet I for Majors; Grade Method: 2 credits
(PermReq) REG/P-F/AUD;
0101 TuTh.....3:30pm- 4:45pm (PKT 2102) LAB Rutter-Hill, L

DANC229 Ballet II for Majors; Grade Method: 2 credits
REG/P-F/AUD;
0101 TuTh.....2:00pm- 3:15pm (PKT 2102) Druker, S

DANC248 Modern Dance I For Majors; Grade Method: 3 credits
REG/P-F/AUD;
0101 MWF.....11:00am-12:20pm (TAA 1103) LAB Wiltz, A

DANC249 Modern Dance II for Majors; Grade Method: 3 credits
REG/P-F/AUD;
0101 MWF.....12:30pm- 1:50pm (TAA 1103) LAB Frosch-Schroder

DANC258 Jazz II; Grade Method: REG/P-F/AUD; 2 credits
Prerequisite: DANC 154 or 158.
0101 TuTh.....12:30pm- 1:45pm (TAA 1103) LAB Frosch-Schroder

DANC299 Practicum in Choreography, Production and 1-3 credits
Performance II; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

DANC302 Music Sources For Dance; Grade Method: 3 credits
REG/P-F/AUD;
0101 TuTh.....2:00pm- 3:15pm (TAA 1116) Johnson, I

DANC306 Creative Dance for Children; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Prerequisite: DANC 305.
0101 TuTh.....3:30pm- 4:45pm (TAA 1124) Haigler De Robl

DANC308 Choreography II; Grade Method: 3 credits
REG/P-F/AUD; Prerequisite: DANC 208
0101 MWF.....3:30pm- 4:50pm (PKT 2102) LAB Warren, A

DANC310 Dance Lighting; Grade Method: REG/P-F/AUD; 3 credits
Prerequisite: DANC 210.
0101 Time and room to be arranged Jackson, P

DANC328 Ballet III: Ballet III for Majors; Grade 2 credits
Method: REG/P-F/AUD; Prerequisite: DANC 129 or audition. Majors have priority.
0101 TuTh.....11:00am-12:15pm (PKT 2102) LAB Druker, S

DANC329 Ballet IV: Ballet IV for Majors; Grade 2 credits
Method: REG/P-F/AUD; Prerequisite: DANC 328 or audition. Majors have priority.
0101 TuTh.....11:00am-12:15pm (PKT 2102) Druker, S

DANC349 Modern Dance IV for Majors; Grade Method: 3 credits
REG/P-F/AUD; Prerequisite: DANC 348 or audition.
0101 MWF.....12:30pm- 1:50pm (TEE 1115) LAB Small, R

DANC371 Kinesiology for Dancers; Grade Method: 4 credits
REG/P-F/AUD;
0101 MWF.....9:00am-10:45am (TAA 1124) Rutter-Hill, L

DANC379 Practicum in Dance: Practicum in Dance; 1-3 credits
(PermReq) Grade Method: REG/P-F/AUD;
0201 Time and room to be arranged Rosen, M

DANC386 Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number.

DANC387 Field Work Analysis; Grade Method: 1-3 credits
(PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

DANC388 Choreography III; Grade Method: 3 credits
REG/P-F/AUD;
0101 MWF.....3:30pm- 4:45pm (TAA 1103) LAB Rosen, M

DANC398 Directed Studies in Dance; Grade Method: 1-6 credits
(PermReq) REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

DANC399 Practicum in Choreography, Production and 1-2 credits
(PermReq) Performance III; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: DANC 299.

DANC410 Dance Production: Design and Execution; 3 credits
0303 Time and room to be arranged Jackson, P

DANC448 Modern Dance V for Majors; Grade Method: 3 credits
0101 MWF.....11:00am-12:20pm (TEE 1115) LAB Butler, E

DANC449 Modern Dance VI for Majors; Grade Method: 3 credits
REG/P-F/AUD;
0101 MWF.....11:00am-12:20pm (TEE 1115) LAB Butler, E

DANC466 Laban Movement Analysis; Grade Method: 3 credits
REG/P-F/AUD;
0101 TuTh.....9:30am-10:45am (TAA 1116) Dunn, R

DANC468 Modern Repertory; Grade Method: 3 credits
(PermReq) REG/P-F/AUD;
0101 MWF.....2:00pm- 3:20pm (TEE 1115) LAB Small, R

DANC479 Advanced Practicum in Dance; Grade Method: 1-3 credits
(PermReq) REG/P-F/AUD;
0201 Time and room to be arranged Rosen, M

DANC484 Philosophy of Dance; Grade Method: 3 credits
REG/P-F/AUD; Prerequisite: DANC 200 or permission of instructor. Majors have priority.
0101 TuTh.....12:30pm- 1:45pm (TAA 1124) Dunn, R

DANC499 Practicum in Choreography, Production and 1-6 credits
(PermReq) Performance IV; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: DANC 399.

ECON Economics (Behavior & Social Sci)

ECON105 Economics of Social Problems; Grade 3 credits
Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Not open to students who have previously earned 6 or more credits in economics.
0101 TuTh.....9:30am-10:45am (ARM 0110) Weinstein, P

ECON105L Economics of Social Problems; Grade 3 credits
Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; By permission only from Arts and Humanities Dean.
0101 TuTh.....9:30am-10:45am (ARM 0110) Weinstein, P

ECON201 Principles of Economics I; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Not open to students who have credit for ECON 205.
0101 MWF.....9:00am- 9:50am (TYD 0101) STAFF
0201 MWF.....9:00am- 9:50am (TYD 2110) STAFF
0401 TuTh.....8:00am- 9:15am (TYD 2106) STAFF
0601 MWF.....10:00am-10:50am (TYD 0117) STAFF
0701 MWF.....9:00am- 9:50am (WDS 0104) STAFF
0801 TuTh.....9:30am-10:45am (HZF 1106) STAFF
0901 TuTh.....9:30am-10:45am (HZF 1108) STAFF
1001 MWF.....10:00am-10:50am (WDS 0104) STAFF
1101 MWF.....10:00am-10:50am (TYD 1114) STAFF
1201 MWF.....11:00am-11:50am (WDS 0104) STAFF
1301 TuTh.....11:00am-12:15pm (WDS 0104) STAFF
1401 MWF.....12:00pm-12:50pm (WDS 0104) STAFF
1501 TuTh.....12:30pm- 1:45pm (HZF 1106) STAFF
1601 MWF.....1:00pm- 1:50pm (TYD 0101) STAFF
1701 MWF.....1:00pm- 1:50pm (TYD 1128) STAFF
1801 MWF.....1:00pm- 1:50pm (WDS 0104) STAFF
1901 MWF.....2:00pm- 2:50pm (TYD 0101) STAFF
2001 MWF.....8:00am- 8:50am (TYD 1128) STAFF
2102 MW.....12:00pm-12:50pm (TYD 0130) Wonnacott, P
Tu.....9:00am- 9:50am (ZOP 1232) DIS
2103 MW.....12:00pm-12:50pm (TYD 0130) Wonnacott, P
F.....11:00am-11:50am (TYD 1128) DIS
2104 MW.....12:00pm-12:50pm (TYD 0130) Wonnacott, P
W.....9:00am- 9:50am (CHM 0122) DIS
2105 MW.....12:00pm-12:50pm (TYD 0130) Wonnacott, P
M.....10:00am-10:50am (LEF 1220) DIS
2106 MW.....12:00pm-12:50pm (TYD 0130) Wonnacott, P
W.....10:00am-10:50am (HJP 1229) DIS
2107 MW.....12:00pm-12:50pm (TYD 0130) Wonnacott, P
W.....11:00am-11:50am (TAA 1122) DIS
2108 MW.....12:00pm-12:50pm (TYD 0130) Wonnacott, P
F.....12:00pm-12:50pm (HZF 1101) DIS
2109 MW.....12:00pm-12:50pm (TYD 0130) Wonnacott, P
M.....9:00am- 9:50am (TAA 1122) DIS
2110 MW.....12:00pm-12:50pm (TYD 0130) Wonnacott, P
W.....10:00am-10:50am (TYD 2100) DIS
2111 MW.....12:00pm-12:50pm (TYD 0130) Wonnacott, P
F.....10:00am-10:50am (TYD 2100) DIS
2112 MW.....12:00pm-12:50pm (TYD 0130) Wonnacott, P
F.....12:00pm-12:50pm (TYD 1132) DIS
2114 MW.....12:00pm-12:50pm (TYD 0130) Wonnacott, P
F.....12:00pm-12:50pm (ZOP 1228) DIS
2115 MW.....12:00pm-12:50pm (TYD 0130) Wonnacott, P
M.....2:00pm- 2:50pm (WDS 0104) DIS
2116 MW.....12:00pm-12:50pm (TYD 0130) Wonnacott, P
W.....2:00pm- 2:50pm (WDS 0104) DIS
2117 MW.....12:00pm-12:50pm (TYD 0130) Wonnacott, P
M.....3:00pm- 3:50pm (TYD 1128) DIS
2401 TuTh.....2:00pm- 3:15pm (ARM 0119) STAFF
3201 TuTh.....3:30pm- 4:45pm (TYD 2110) STAFF

ECON203 Principles of Economics II; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Students are advised to take ECON 201 before ECON 203.
0101 TuTh.....8:00am- 9:15am (TYD 1101) STAFF
0201 MWF.....11:00am-11:50am (LEF 1221) STAFF
0301 MWF.....1:00pm- 1:50pm (LEF 1221) STAFF
0401 MWF.....9:00am- 9:50am (ARM 0116) STAFF
0501 MWF.....9:00am- 9:50am (TLF 0101) STAFF
0601 MWF.....10:00am-10:50am (TYD 2110) STAFF
0701 TuTh.....11:00am-12:15pm (TYD 1132) STAFF
0801 MWF.....12:00pm-12:50pm (TYD 2110) STAFF
0901 MWF.....2:00pm- 2:50pm (TYD 1102) STAFF
1001 MWF.....3:00pm- 3:50pm (TYD 1101) STAFF
1101 MWF.....10:00am-10:50am (LEF 1201) STAFF
1201 MWF.....1:00pm- 1:50pm (HJP 1229) STAFF
1301 TuTh.....8:00am- 9:15am (TYD 1128) STAFF
1401 MWF.....2:00pm- 2:50pm (ARM 0119) STAFF
1501 MWF.....11:00am-11:50am (LEF 2208) STAFF
2101 TuTh.....11:00am-11:50am (TYD 0130) Coughlin, P
M.....9:00am- 9:50am (CHE 2118) DIS
2102 TuTh.....11:00am-11:50am (TYD 0130) Coughlin, P
W.....9:00am- 9:50am (TYD 2100) DIS
2103 TuTh.....11:00am-11:50am (TYD 0130) Coughlin, P
F.....9:00am- 9:50am (TYD 2100) DIS
2105 TuTh.....11:00am-11:50am (TYD 0130) Coughlin, P
W.....9:00am- 9:50am (TYD 1132) DIS
2106 TuTh.....11:00am-11:50am (TYD 0130) Coughlin, P
M.....1:00pm- 1:50pm (TYD 2110) DIS
2107 TuTh.....11:00am-11:50am (TYD 0130) Coughlin, P
W.....10:00am-10:50am (TYD 1132) DIS
2108 TuTh.....11:00am-11:50am (TYD 0130) Coughlin, P
W.....11:00am-11:50am (TYD 1128) DIS
2110 TuTh.....11:00am-11:50am (TYD 0130) Coughlin, P
W.....1:00pm- 1:50pm (TAA 1124) DIS
2111 TuTh.....11:00am-11:50am (TYD 0130) Coughlin, P
F.....1:00pm- 1:50pm (TYD 2110) DIS
2112 TuTh.....11:00am-11:50am (TYD 0130) Coughlin, P
M.....10:00am-10:50am (COL 3110) DIS
2113 TuTh.....11:00am-11:50am (TYD 0130) Coughlin, P
F.....10:00am-10:50am (COL 3110) DIS
2114 TuTh.....11:00am-11:50am (TYD 0130) Coughlin, P
M.....11:00am-11:50am (TYD 1128) DIS
2115 TuTh.....11:00am-11:50am (TYD 0130) Coughlin, P
F.....11:00am-11:50am (HZF 1101) DIS
2116 TuTh.....11:00am-11:50am (TYD 0130) Coughlin, P
Tu.....10:00am-10:50am (ZOP 1228) DIS
2117 TuTh.....11:00am-11:50am (TYD 0130) Coughlin, P
Th.....10:00am-10:50am (EGR 1102) DIS

ECON203H Principles of Economics II; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Honors. Department permission required from ECON or General Honors Program.
0101 TuTh.....11:00am-12:15pm (TYD 2110) Schwab, R

ECON205 Fundamentals of Economics; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Not open to students who have credit for ECON 201.
1104 MW.....10:00am-10:50am (TYD 0130) Adams, J
M.....9:00am- 9:50am (TYD 2100) DIS
1105 MW.....10:00am-10:50am (TYD 0130) Adams, J
W.....9:00am- 9:50am (ZOP 1228) DIS
1106 MW.....10:00am-10:50am (TYD 0130) Adams, J
M.....11:00am-11:50am (TYD 2110) DIS
1107 MW.....10:00am-10:50am (TYD 0130) Adams, J
W.....11:00am-11:50am (ZOP 1124) DIS
1108 MW.....10:00am-10:50am (TYD 0130) Adams, J
F.....9:00am- 9:50am (ARC 1103) DIS
1109 MW.....10:00am-10:50am (TYD 0130) Adams, J
F.....10:00am-10:50am (MMH 1304) DIS
1110 MW.....10:00am-10:50am (TYD 0130) Adams, J
F.....10:00am-10:50am (CHE 2136) DIS
1111 MW.....10:00am-10:50am (TYD 0130) Adams, J
M.....12:00pm-12:50pm (TYD 1140) DIS
1112 MW.....10:00am-10:50am (TYD 0130) Adams, J
W.....1:00pm- 1:50pm (TYD 2110) DIS
1113 MW.....10:00am-10:50am (TYD 0130) Adams, J
W.....12:00pm-12:50pm (HZF 1101) DIS

ECON301 Current Issues in American Economic 3 credits
Policy; Grade Method: REG/P-F/AUD; Prerequisite: ECON 201 or ECON 205.
0101 MWF.....12:00pm-12:50pm (TYD 2106) Stratmann, T
0301 TuTh.....9:30am-10:45am (TYD 2111) Minarik, J

ECON305 Intermediate Macroeconomic Theory and 3 credits
Policy; Grade Method: REG/P-F/AUD;
0101 TuTh.....9:30am-10:45am (TYD 1128) STAFF
0301 MWF.....1:00pm- 1:50pm (TYD 2106) McGonegal, S
0501 MWF.....10:00am-10:50am (TYD 1128) McGonegal, S
0601 TuTh.....11:00am-12:15pm (TYD 0117) Brechling, F
0701 MWF.....9:00am- 9:50am (TYD 2106) McGonegal, S
0801 TuTh.....3:30pm- 4:45pm (WDS 0104) STAFF
0901 TuTh.....9:30am-10:45am (TYD 2110) Almon Jr, C
1101 TuTh.....2:00pm- 3:15pm (JMZ 2208) Harris Jr, C

ECON306 Intermediate Microeconomic Theory; Grade 3 credits
Method: REG/P-F/AUD;
0101 TuTh.....2:00pm- 3:15pm (TYD 2111) Panagariya, A

0201 TuTh.....2:00pm- 3:15pm (TYD 2106) Wallis, J
0301 MWF.....12:00pm-12:50pm (TYD 0117) Primont, D
0401 MWF.....9:00am- 9:50am (TYD 2109) Kendix, M
0501 TuTh.....12:30pm- 1:45pm (TYD 2106) Panagariya, A
0601 MWF.....1:00pm- 1:50pm (TYD 2111) Primont, D
0901 TuTh.....3:30pm- 4:45pm (TYD 1101) Lamdin, D
1001 MWF.....10:00am-10:50am (TYD 2106) STAFF

ECON310 Evolution of Modern Capitalism in Western Europe and the United States; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; No prerequisites. — 3 credits
0201 TuTh.....12:30pm- 1:45pm (SHM 2102) Rossman, J

ECON311 American Economic Development; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Prerequisites: ECON 201 and 203 or ECON 205. — 3 credits
0101 TuTh.....9:30am-10:45am (TLF 0124) Wallis, J

ECON315 Economic Development of Underdeveloped Areas; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 MWF.....9:00am- 9:50am (TYD 1128) Succar, P
0201 MWF.....11:00am-11:50am (TYD 1114) Succar, P
0401 TuTh.....12:30pm- 1:45pm (TYD 0101) Clague, C
0501 TuTh.....9:30am-10:45am (TYD 2109) Clague, C

ECON321 Economic Statistics; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....2:00pm- 2:50pm (TYD 1128) Malik, A
0201 MWF.....12:00pm-12:50pm (TYD 1128) Campbell, D

ECON361 Economics of American Industries; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203; or ECON 205. — 3 credits
0101 MWF.....2:00pm- 2:50pm (TYD 2111) Kessides, I
0201 TuTh.....12:30pm- 1:45pm (TYD 1114) Burgess, J

ECON370 Labor Markets, Human Resources, and Trade Unions; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203; or ECON 205. Credit will be given for only one course: ECON 370 or ECON 470. — 3 credits
0201 MWF.....10:00am-10:50am (TYD 2111) Evans, W
0301 MWF.....9:00am- 9:50am (TYD 1114) Evans, W

ECON374 Sex Roles in Economic Life; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203; or ECON 205. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARM 0116) Lomperis, A
0201 TuTh.....11:00am-12:15pm (TYD 2106) Lomperis, A

ECON380 Comparative Economic Systems; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203 or ECON 205. — 3 credits
0101 MWF.....2:00pm- 2:50pm (TYD 1101) Clement, C

ECON381 Environmental Economics; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 or ECON 205 or permission of the instructor. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 1128) Cumberland, J

ECON397 Honors Thesis; Grade Method: REG/P-F/AUD; Prerequisite: ECON 396 and candidacy for honors in economics. — 3 credits
0101 Time and room to be arranged STAFF

ECON398A Topics in Economics: Labor; Grade Method: REG/P-F/AUD; Need 3.0 or teacher permission. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 1136) Abraham, K

ECON398B Topics in Economics: Public Sector; Grade Method: REG/P-F/AUD; Need 3.0 or teacher permission. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 2100) Schwab, R

ECON398C Topics in Economics: Macro Economics; Grade Method: REG/P-F/AUD; Need 3.0 or teacher permission. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JRN 1103) Baily, M

ECON398D Topics in Economics: American Living Standards and Poverty; Grade Method: REG/P-F/AUD; Prerequisite: ECON 305 and 321. — 3 credits
0101 MW.....2:00pm- 3:15pm (LEF 1208) Levy, F

ECON399 Individual Reading and Research For Undergraduates; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor must be arranged in advance. Open only to students who have previously earned 6 or more credits in upper division economics courses. — 3 credits

ECON402 Macroeconomic Models and Forecasting; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: ECON 430. — 3 credits
0101 TuTh.....8:00am- 9:15am (TYD 1114) Almon Jr, C
0201 Tu.....6:30pm- 9:00pm (TYD 1101) Sabelhaus, J
0301 MWF.....12:00pm-12:50pm (TYD 2111) Hiemstra, C

ECON405 Advanced Intermediate Macroeconomic Theory; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201, ECON 203 and MATH 220 or its equivalent. Credit will be given for only one course: ECON 305 or ECON 405. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 2111) Haliassos, M

ECON422 Quantitative Methods in Economics I; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201, ECON 203 and ECON 421 (or BMGT 230); or permission of insructor. — 3 credits
0101 TuTh.....9:30am-10:45am (TYD 0101) Cropper, M

ECON423 Quantitative Methods in Economics II; Grade Method: REG/P-F/AUD; Prerequisite: ECON 422. — 3 credits
0101 TuTh.....9:30am-10:45am (WDS 0104) Prucha, I

ECON425 Mathematical Economics; Grade Method: REG/P-F/AUD; Prerequisites: ECON 401, ECON 403 and one year of college mathematics. — 3 credits
0101 MWF.....11:00am-11:50am (TYD 0117) Kendix, M

ECON430 Money and Banking; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203. Credit will be given for only one course: ECON 430 or ECON 431. — 3 credits
0101 MWF.....11:00am-11:50am (TYD 2109) Meyer, P
0201 MWF.....9:00am- 9:50am (TYD 0130) Meyer, P
0301 MWF.....1:00pm- 1:50pm (TYD 0117) Huh, G
0501 MWF.....12:00pm-12:50pm (TYD 0101) Fahim-Nader, M
0601 MWF.....11:00am-11:50am (TYD 0101) Huh, G
0701 MWF.....10:00am-10:50am (TYD 0101) Huh, G
0801 TuTh.....8:00am- 9:15am (TYD 2111) Schinasi, G

ECON431 Theory of Money, Prices and Economic Activity; Grade Method: REG/P-F/AUD; Prerequisites: ECON 401 or ECON 405. Credit will be given for only one course: ECON 430 or ECON 431. — 3 credits
0101 MWF.....11:00am-11:50am (TYD 2111) Anderson, G

ECON440 International Economics; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203. Credit will be given for only one course: ECON 440 or ECON 441. — 3 credits
0101 MWF.....2:00pm- 2:50pm (TYD 1114) Fahim-Nader, M
0301 MWF.....1:00pm- 1:50pm (TYD 1114) Fahim-Nader, M
0401 TuTh.....3:30pm- 4:45pm (TYD 2111) Malanoski, M
0501 MWF.....9:00am- 9:50am (TYD 2111) Iqbal, S
0601 MWF.....10:00am-10:50am (TYD 2109) Iqbal, S

ECON450 Introduction to Public Sector Economics; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203; or ECON 205. Credit will be given for only one course: ECON 450 or ECON 454. — 3 credits
0201 TuTh.....11:00am-12:15pm (TYD 1128) Lyon, A

ECON451 Public Choice and Public Policy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: ECON 201 and ECON 203 or ECON 205. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 1128) Mueller, D

ECON460 Industrial Organization; Grade Method: REG/P-F/AUD; Prerequisites: ECON 201 and ECON 203; or ECON 205. — 3 credits
0101 TuTh.....8:00am- 9:15am (TYD 0101) Alger, D

ECON490 Survey of Urban Economic Problems and Policies; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: ECON 201 and ECON 203; or ECON 205. — 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 0101) Stephens, K

ECON602 Economic Growth and Instability; Grade Method: REG/AUD; Advanced special students not permitted. Co-taught by C. Haliassos and C. Hulten. — 3 credits
0101 TuTh.....9:30am-10:45am (TYD 1114) Hulten, C
F.....3:30pm- 5:00pm (TYD 1140) DIS

ECON604 Microeconomic Analysis II; Grade Method: REG/AUD; Advanced special students not permitted. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 0101) Murrell, P
W.....4:00pm- 5:30pm (TYD 1102) DIS

ECON607 Economic Theory in the Nineteenth Century; Grade Method: REG/AUD; Advanced special students not permitted. — 3 credits
.0101 TuTh.....11:00am-12:15pm (TYD 1114) Dillard, D

ECON616 Seminar in Economic Development; Grade Method: REG/AUD; Advanced special students not permitted. — 3 credits
0101 Tu.....7:15pm-10:00pm (TYD 1132) Adams, J

ECON621 Quantitative Economics I; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (WDS 0104) Kelejian, H
Tu.....3:30pm- 5:00pm (TYD 1128) DIS

ECON624 Econometrics II; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 1132) Prucha, I
M.....10:00am-10:50am (HJP 1229) DIS

ECON662 Industry Structure, Conduct, and Performance; Grade Method: REG/AUD; — 3 credits
0101 MW.....12:30pm- 1:45pm (TYD 2100) Kessides, I

ECON698 (PermReq) Selected Topics in Economics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ECON698A Selected Topics in Economics: Workshop in Time Series Analysis; Grade Method: REG/AUD; Prerequisite: ECON 721 or equivalent. Advanced special students not permitted. — 3 credits
0101 F.....10:00am- 1:00pm (TYD 1136) STAFF

ECON698G Selected Topics in Economics: Workshop in Urban Public Economics; Grade Method: REG/AUD; — 3 credits
0101 M.....3:30pm- 6:10pm (TYD 1114) Oates, W

ECON698J Selected Topics in Economics: Advanced Macroeconomics II; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 2110) Diebold, F

ECON698L Selected Topics in Economics: Workshop in Labor Economics; Grade Method: REG/AUD; Advanced special students not permitted. — 3 credits
0101 TuTh.....3:30pm- 5:15pm (TYD 1132) Abraham, K

ECON698M Selected Topics in Economics: Workshop in Macroeconomics and Economic Growth; Grade Method: REG/AUD; Advanced special students not permitted. Co-taught by M. Olson and J. Haltiwanger. — 3 credits
0101 W.....3:30pm- 6:10pm (TYD 1114) Olson, M

ECON698P Selected Topics in Economics: Workshop in Trade and Development; Grade Method: REG/AUD; Advanced special students not permitted. — 3 credits
0101 F.....3:30pm- 6:10pm (TYD 1114) Panagariya, A

ECON698W Selected Topics in Economics: Economics of Defense; Grade Method: REG/AUD; Advanced special students not permitted. — 3 credits
0101 Tu.....3:30pm- 6:10pm (LEF 1208) Olson, M

ECON698Z Selected Topics in Economics: Applications in Economic Analysis; Grade Method: REG/AUD; Advanced special students not permitted. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 1114) Hulten, C

ECON722 Econometrics IV; Grade Method: REG/AUD; Advanced special students not permitted. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (TYD 1128) Kelejian, H

ECON732 Seminar in Monetary Theory and Policy; Grade Method: REG/AUD; Advanced special students not permitted. — 3 credits
0101 MW.....11:00am-12:15pm (TYD 2140) STAFF

ECON741 Advanced International Economics I; Grade Method: REG/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (TYD 2110) Wonnacott, P

ECON752 Seminar in Public Finance; Grade Method: REG/AUD; Advanced special students not permitted. — 3 credits
0101 W.....8:15am-10:45am (TYD 2140) Aaron, H

ECON756 Theory of Public Choice II; Grade Method: REG/AUD; Prequisite: ECON 755. No advanced special students admitted. Co-taught by D. Mueller and M. Olson. — 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2100) Coughlin, P

ECON772 Government Policy and the Labor Market; Grade Method: REG/AUD; Prerequisite: ECON 771 or consent of instructor. — 3 credits
0101 MF.....9:30am-10:45am (TYD 1132) Abraham, K

ECON785 Advanced Economics of Natural Resources; Grade Method: REG/AUD; Advanced special students not permitted. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 1136) Cropper, M

ECON799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ECON899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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EDCI Curriculum and Instruction (Education)

EDCI280 School Service Semester; Grade Method: S-F; Students must complete application for field component in Office of Laboratory Experiences. Student must reserve the equivalent of one day a week for field experience. — 3 credits
0101 M.....11:00am-11:50am (EDU 2119) King, D
Time and room to be arranged LAB
0201 Th.....2:00pm- 2:50pm (EDU 1121) Amershek, K
Time and room to be arranged LAB
0301 W.....11:00am-11:50am (EDU 2119) King, D
Time and room to be arranged LAB
0401 Tu.....2:00pm- 2:50pm (EDU 1121) Amershek, K
Time and room to be arranged LAB

EDCI288M Special Topics in Teacher Education: Tutoring in Remedial Mathematics; Grade Method: REG/P-F/AUD; Prerequisite: MATH 210 and recommendation of instructor. — 1-3 credits
0101 Time and room to be arranged Shearn, E

EDCI298 (PermReq) Special Problems in Teacher Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCI301 Teaching Art in the Elementary School; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....1:00pm- 4:00pm (EDU 1315) McWhinnie, H
0201 Th.....1:00pm- 4:00pm (EDU 1315) Roach, D

EDCI315 (PermReq) The Young Child in the Social Environment; Grade Method: REG; Blocked with EDCI 316; 317;443A; and EDHD 419B. Field experience scheduled on Monday and Wednesday. Early childhood majors only. Students registering in section 0101 must also register in EDCI 317, 0101. Students registering in section 0201, must also register in EDCI 317, 0201. — 3 credits
0101 Th.....1:00pm- 3:00pm (EDU 1107) STAFF
Time and room to be arranged LAB

EDCI316 (PermReq) The Teaching of Reading: Early Childhood; Grade Method: REG; Blocked with EDCI 315, 317, 443A, and EDHD 419B. Field experience scheduled on Monday and Wednesday. Early childhood majors only. — 3 credits
0101 Tu.....1:00pm- 3:00pm (EDU 1107) Gambrell, L
Time and room to be arranged LAB

EDCI317 (PermReq) The Young Child and the Physical Environment; Grade Method: REG; Blocked with EDCI 315, 316, 443A, and EDHD 419B. Field experience scheduled on Monday and Wednesday. Early childhood majors only. Students registering in section 0101 must also register in EDCI 315, 0101. Students registering in 0201 must also register in EDCI 315, 0201. — 3 credits
0101 M.....9:00am-11:45am (EDU 2212) Dierking, L
TBA (EDU 2212) LAB
0201 Th.....9:00am-11:45am (EDU 2212) Dierking, L
TBA (EDU 2212) LAB

EDCI322A (PermReq) Curriculum and Instruction in Elementary Education - Social Studies; Grade Method: REG; Teamed with EDCI 342A, 352A, 362A and 372A. — 3 credits
0101 M.....10:00am-11:50am (EDU 1121) Weaver, V
Time and room to be arranged LAB

EDCI322B (PermReq) Curriculum and Instruction in Elementary Education - Social Studies; Grade Method: REG; Teamed with EDCI 342B, 352B, 362B, 372B. — 3 credits
0101 Tu.....9:30am-11:20am (EDU 2212) Jantz, R
Time and room to be arranged LAB

EDCI322C (PermReq) Curriculum and Instruction in Elementary Education - Social Studies; Grade Method: REG; Teamed with EDCI 342C, 352C, 362C, and 372C. — 3 credits
0101 M.....1:00pm- 2:50pm (EDU 1121) Herman Jr., W
Time and room to be arranged LAB

EDCI342A (PermReq) Curriculum and Instruction in Elementary Education: Language Arts; Grade Method: REG; Teamed with EDCI 352A, 362A, 372A and 322A. — 3 credits
0101 W.....1:00pm- 2:50pm (EDU 1121) Roderick, J
Time and room to be arranged LAB

EDCI342B (PermReq) Curriculum and Instruction in Elementary Education: Language Arts; Grade Method: REG; Teamed with EDCI 352B, 362B, 372B, 322B. — 3 credits
0101 TuTh.....8:30am- 9:20am (EDU 1121) O'Flahven, J
Time and room to be arranged LAB

EDCI342C (PermReq) Curriculum and Instruction in Elementary Education: Language Arts; Grade Method: REG; Teamed with EDCI 322C, 352C, 362C, 372C. — 3 credits
0101 W.....10:00am-11:50am (EDU 1121) Heidelbach, R
Time and room to be arranged LAB

EDCI352A (PermReq) Curriculum and Instruction in Elementary Education: Mathematics; Grade Method: REG; Teamed with EDCI 342A, 362A, 372A, 322A. — 3 credits
0101 W.....10:00am-11:50am (EDU 2121) Campbell, P
Time and room to be arranged LAB

EDCI352B (PermReq) Curriculum and Instruction in Elementary Education: Mathematics; Grade Method: REG; Teamed with EDCI 342B, 362B, 372B, 322B. — 3 credits
0101 Tu.....1:00pm- 2:50pm (EDU 2121) Smith, C
Time and room to be arranged LAB

EDCI352C (PermReq) Curriculum and Instruction in Elementary Education: Mathematics; Grade Method: REG; Teamed with EDCI 322C, 342C, 362C, and 372C. — 3 credits
0301 Meets 03/27/89 - 05/20/89 Larkin, M
M.....10:00am-11:50am (EDU 2121)
Time and room to be arranged LAB

EDCI362A (PermReq) Curriculum and Instruction in Elementary Education: Reading; Grade Method: REG; Teamed with EDCI 322A, 342A, 352A, 372A. — 3 credits
0101 MW.....9:00am- 9:50am (EDU 1315) King, S
Time and room to be arranged LAB

EDCI362B (PermReq) Curriculum and Instruction in Elementary Education: Reading; Grade Method: REG; Teamed with EDCI 322B, 342B, 352B, 372B. — 3 credits
0101 Th.....9:30am-11:20am (EDU 1107) Wilson, R
Time and room to be arranged LAB

EDCI362C (PermReq) Curriculum and Instruction in Elementary Education: Reading; Grade Method: REG; Teamed with EDCI 322C, 342C, 352C, 372C. — 3 credits
0101 M.....8:00am- 9:50am (EDU 1121) Thompson, J
Time and room to be arranged LAB

EDCI372A (PermReq) Curriculum and Instruction in Elementary Education: Science; Grade Method: REG; Teamed with EDCI 322A, 342A, 352A, 362A. — 3 credits
0101 M.....1:00pm- 2:50pm (EDU 2212) Eley Jr, G
Time and room to be arranged LAB

EDCI372B (PermReq) Curriculum and Instruction in Elementary Education: Science; Grade Method: REG; Teamed with EDCI 322B, 342B, 352B, 362B. — 3 credits
0101 Th.....1:00pm- 2:50pm (EDU 2212) STAFF
Time and room to be arranged LAB

EDCI372C (PermReq) Curriculum and Instruction in Elementary Education: Science; Grade Method: REG; Teamed with EDCI 322C, 342C, 352C, AND 362C. — 3 credits
0101 W.....1:00pm- 2:50pm (EDU 2212) Holliday, W
Time and room to be arranged LAB

EDCI385 Computers for Teachers; Grade Method: REG/P-F/AUD; For early childhood education majors only. — 3 credits
0101 Th.....2:00pm- 3:00pm (COL 3109) Olson, M
M.....9:00am-11:45am (EDU 0114) LAB
0102 Th.....2:00pm- 3:00pm (COL 3109) Olson, M
W.....9:00am-11:45am (EDU 0114) LAB
0103 Th.....2:00pm- 3:00pm (COL 3109) Olson, M
F.....9:00am-11:45am (EDU 1121) LAB

EDCI386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDCI387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDCI390 Principles and Methods of Secondary Education; Grade Method: REG/P-F/AUD; 16-week course. — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 1107) Davidson, N
0201 Th.....7:15pm-10:00pm (EDU 1107) Brigham, B

EDCI397 Introduction to Teaching; Grade Method: REG/P-F/AUD; Elementary education majors only. — 3 credits
0101 TuTh.....9:30am-10:45am (EDU 2119) Eley Jr, G
020i MW.....2:00pm- 3:15pm (EDU 2119) STAFF

EDCI401 Student Teaching in Elementary School: Art; Grade Method: S-F; Limited to elementary art majors who have previously applied. Concurrent enrollment in EDCI 489D. — 4-8 credits
0101 Time and room to be arranged Craig, R

EDCI402 Student Teaching in Secondary Schools: Art; Grade Method: S-F; Concurrent enrollment in EDCI 489D. — 2-8 credits
0101 Time and room to be arranged Craig, R

EDCI403 Teaching of Art Criticism in Public Schools; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 1315) Craig, R

EDCI411 Student Teaching: Preschool; Grade Method: S-F; — 4 credits
0101 Time and room to be arranged Gambrell, L

EDCI412 Student Teaching: Kindergarten; Grade Method: S-F; — 4 credits
0101 Time and room to be arranged Gambrell, L

EDCI413 Student Teaching: Primary Grades; Grade Method: S-F; Prerequisites: EDCI 411 and EDCI 412. — 8 credits
0101 Time and room to be arranged Gambrell, L

EDCI416 Mainstreaming in Early Childhood Educational Settings; Grade Method: REG/P-F/AUD; Open to special education majors only. — 3 credits

ENROLLMENTS IN ALL 300 & 400 LEVEL ECON COURSES WILL GENERALLY BE LIMITED TO TWO COURSES. REQUESTS TO TAKE MORE THAN TWO 300 OR 400 LEVEL ECON COURSES, BASED ON ECON COURSE REQUIREMENTS NEEDED FOR MAY 1989 GRADUATION, MUST BE APPROVED BY THE DEPARTMENT OF ECONOMICS. COMPLETION OF PREREQUISITE REQUIREMENTS WILL BE EXPECTED. SEE UNDERGRADUATE CATALOG COURSE LISTINGS FOR PREREQUISITES.

0101 M.....4:15pm- 7:00pm (EDU 1121) Saracho, O

EDCI420 Student Teaching Seminar in Secondary Education: Social Studies; Grade Method: S-F; Concurrent registration with EDCI 421 required. 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 2102) Farrell, R

EDCI421 Student Teaching in Secondary Schools: Social Studies; Grade Method: S-F; 12 credits
0101 Time and room to be arranged Cirrincione, J

EDCI426 (PermReq) Methods of Teaching Social Studies in Secondary Schools; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Farrell, R

EDCI430 Student Teaching Seminar in Secondary Education: Foreign Language; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (EDU 2203) Delorenzo, W

EDCI431 Student Teaching in Secondary Schools: Foreign Languages; Grade Method: S-F; 12 credits
0101 Time and room to be arranged Delorenzo, W

EDCI440 Student Teaching Seminar in Secondary Education: English, Speech, Drama; Grade Method: S-F; Must be concurrently enrolled in EDCI 441 or 442. Meets Feb 1, March 8, April 5, May 3. 1 credit
0101 Meets 01/31/89 - 04/24/89 McCaleb, J
W.....3:30pm- 5:00pm (JMZ 0120)
Time and room to be arranged LAB

EDCI441 Student Teaching in Secondary Schools: English; Grade Method: S-F; Concurrent registration in EDCI 440 is required. 12 credits
0101 Time and room to be arranged McCaleb, J

EDCI442 Student Teaching in Secondary Schools: Speech; Grade Method: S-F; Concurrent registration in EDCI 440 is required. 12 credits
0101 Time and room to be arranged McCaleb, J

EDCI443 Literature for Children and Youth; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....9:00am-11:45am (EDU 0212) Heidelbach, R
0201 Th.....9:00am-11:45am (EDU 0212) Heidelbach, R
0301 TuTh.....9:30am-10:45am (EDU 2101) Herman Jr., W
Time and room to be arranged LAB
0401 TuTh.....11:00am-12:15pm (EDU 2101) Herman Jr., W

EDCI443A Literature for Children and Youth; Grade Method: REG/P-F/AUD; For early childhood majors only. 3 credits
0101 M.....1:00pm- 3:45pm (EDU 1107) STAFF

EDCI450 Student Teaching Seminar in Secondary Education: Mathematics; Grade Method: REG/P-F/AUD; Must be taken concurrently with EDCI 451. 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2121) Steffani, R

EDCI451 Student Teaching in Secondary Schools: Mathematics; Grade Method: S-F; Must also register for EDCI 450. Open to students who have fulfilled requirements of the mathematics education program. 12 credits
0101 Time and room to be arranged Steffani, R

EDCI456 Diagnosis of Learning Disabilities in Mathematics; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:15pm- 4:30pm (EDU 2121) Graeber, A

EDCI463 The Teaching of Reading in the Secondary School; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (EDU 1121) Brigham, B
0201 M.....4:15pm- 7:00pm (EDU 1107) Brigham, B

EDCI464 Clinical Practices in Reading Diagnosis and Instruction; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 1121) Garner, R
0201 W.....4:15pm- 7:00pm (EDU 0114) Saracho, O
Time and room to be arranged DIS
0301 W.....4:15pm- 7:00pm (ASY 3203) Koskinen, P
Time and room to be arranged DIS

EDCI467 Teaching Writing; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 1107) Slater, W

EDCI471 Student Teaching in Secondary Schools: Science; Grade Method: S-F; Concurrent enrollments in EDCI 488F and 489B. 12 credits
0101 Time and room to be arranged Layman, J

EDCI481 Student Teaching: Elementary; Grade Method: S-F; Limited to elementary majors who have previously applied. 12 credits
0101 Time and room to be arranged STAFF

EDCI484 Student Teaching in Elementary School: Music; Grade Method: S-F; Limited to majors who have previously applied: Open to music education students enrolled in the department of Curriculum and Instruction. 4-6 credits
0101 Time and room to be arranged Folstrom, R

EDCI485 Student Teaching in Elementary School: Physical Education; Grade Method: S-F; Limited to majors who have previously applied. 4-8 credits
0101 Time and room to be arranged STAFF

EDCI488F Selected Topics in Teacher Education: Computers in Science Education; Grade Method: REG/P-F/AUD; Concurrent enrollment in EDCI 471 and EDCI 489B are required. 2 credits
0101 Th.....5:15pm- 7:00pm (EDU 2212) Lockard, J

EDCI488X Selected Topics in Teacher Education: Linguistics and Education; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 0202) Slater, W

EDCI489 (PermReq) Field Experiences in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

EDCI489B Field Experiences in Education: Seminar for Science Student Teachers; Grade Method: REG; Must be concurrently enrolled in EDCI 471 and EDCI 488F required. 1 credit
0101 Th.....4:15pm- 5:15pm (EDU 2212) Lockard, J

EDCI491 Student Teaching in Secondary Schools: Health; Grade Method: S-F; 12 credits
0101 Time and room to be arranged STAFF

EDCI494 Student Teaching in Secondary Schools: Music; Grade Method: S-F; 2-8 credits
0101 Time and room to be arranged Folstrom, R

EDCI495 Student Teaching in Secondary Schools: Physical Education; Grade Method: S-F; 2-8 credits
0101 Time and room to be arranged STAFF

EDCI498 (PermReq) Special Problems in Teacher Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDCI602 The Teaching of Aesthetics in the Public Schools; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 1315) Craig, R

EDCI610 Curriculum for Early Childhood Education; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (EDU 1315) Klein, E

EDCI612 Teaching Strategies in Early Childhood Education; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 0206) Amershek, K

EDCI631 Testing in the Foreign Language/ESL Classroom; Grade Method: REG/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 3236) Delorenzo, W

EDCI661 Teaching Reading in the Content Areas; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 1121) Davey, H

EDCI663 Teaching Reading in the Elementary School; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 1109) Dreher, J

EDCI665 Clinical Remediation of Reading Disabilities; Grade Method: REG/AUD; For reading majors only. 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 1120) Gambrell, L

EDCI684 Introduction to Field Methods in School and Community; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 2203) Roderick, J

EDCI685 Research Methods; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (EDU 2102) Dreher, J

EDCI687 Applications of Computers in Instructional Settings; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 2102) Gillingham, M

EDCI720 Theory and Research in Social Studies Education; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Farrell, R

EDCI730 Theory and Research in Foreign Language/ESOL Education; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (EDU 2121) Markham, P

EDCI750 Theory and Research in Mathematics Education; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:45pm- 7:30pm (EDU 2121) Campbell, P

EDCI769 Theory and Research in Reading; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 2122) Garner, R

EDCI770 Foundations of Science Education; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2212) Holliday, W

EDCI788B Selected Topics in Teacher Education: Computer-Based Data Collection; Grade Method: REG/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 0114) Gillingham, M

EDCI788G Selected Topics in Teacher Education: Pro Seminar; Grade Method: REG; 1 credit
0101 Th.....4:15pm- 7:00pm (EDU 3315) Henkelman, J

EDCI788I Selected Topics in Teacher Education: Instructional Design and Development; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (EDU 1107) Brand, C

EDCI788P Selected Topics in Teacher Education: Psycholinguistic Theory Base of Second Language Education; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 3120) Markham, P

EDCI798 (PermReq) Special Problems in Teacher Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDCI799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDCI820 Seminar in Social Studies Education; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Farrell, R

EDCI858 Seminar in Mathematics Education; Grade Method: REG/AUD; 1-3 credits
0101 F.....10:00am-12:00pm (EDU 2121) Fey, J
Time and room to be arranged LAB

EDCI880 Doctoral Proposal Seminar; Grade Method: REG/AUD; 3 credits
0101 Th.....1:00pm- 3:45pm (EDU 0210) Jantz, R
0201 Tu.....4:15pm- 7:00pm (JMZ 1124) Weaver, P

EDCI888 (PermReq) Apprenticeship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

EDCI889 (PermReq) Internship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3-8 credits

EDCI899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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EDCP Education Counseling and Personnel Services (Education)

EDCP108B College and Career Advancement: Concepts and Skills: Reading and Study Skills; Grade Method: REG/P-F/AUD; 1 credit
0101 MW.....8:00am- 9:00am (SHM 2102) Van Brunt, J
0201 MW.....9:00am- 9:50am (SHM 2102) Van Brunt, J

EDCP108D College and Career Advancement: Concepts and Skills: Career Planning and Decision Making; Grade Method: REG/P-F/AUD; 1 credit
0101 M.....1:00pm- 3:00pm (EDU 2203) Powell, C
0201 M.....2:00pm- 4:00pm (EDU 3236) Powell, C
0301 M.....1:00pm- 3:00pm (EDU 1203) Powell, C
0401 M.....2:00pm- 4:00pm (EDU 0114) Powell, C
0501 Tu.....12:30pm- 2:30pm (EDU 1203) Powell, C
0601 Tu.....2:00pm- 4:00pm (EDU 3236) Powell, C
0701 W.....1:00pm- 3:00pm (EDU 3236) Powell, C
0801 W.....2:00pm- 4:00pm (EDU 1315) Powell, C

EDCP108M College and Career Advancement: Concepts and Skills: Math Study Skills and Building Confidence; Grade Method: REG/AUD; Enrollment limited to students concurrently enrolled in MATH 001 or MATH 001B. 1 credit
0101 Meets 01/25/89 - 03/23/89 Shearn, E
WF.....12:00pm-12:50pm (ARC 1123)

EDCP108R College and Career Advancement: Concepts and Skills: Returning Students; Grade Method: REG/P-F/AUD; 1 credit
0101 Th.....12:30pm- 2:30pm (EDU 1203) Goldberg, B
0201 W.....12:00pm- 2:00pm (EDU 0210) Greenfeig, B

EDCP108X College and Career Advancement: Concepts and Skills: Study Skills for International Students; Grade Method: REG; 1 credit
0101 Meets 01/31/89 - 04/03/89 Hewett, N
TuTh.....2:00pm- 3:15pm (EDU 2203)

EDCP310A Peer Counseling Theory and Skills; Grade Method: REG; Minority peer counseling. Instructor permission required to add this course after first week of classes. 3 credits
0101 W.....2:00pm- 4:45pm (JMZ 0204) STAFF

EDCP386 (PermReq) Field Work; Grade Method: REG; Restricted to students with learning contracts approved prior to Dec. 10, 1987. Concurrent enrollment in EDCP 387 is required. 2 credits
0101 Time and room to be arranged Komives, S

EDCP387 (PermReq) Field Work Analysis; Grade Method: REG; Restricted to students with learning contracts approved prior to Dec. 10, 1987. Concurrent enrollment in EDCP 386 is required. 1 credit
0101 Time and room to be arranged Komives, S

EDCP411 Principles of Mental Health; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (EDU 3233) Greenberg, K

EDCP417 (PermReq) Group Dynamics and Leadership; Grade Method: REG/P-F/AUD; Sections 0201 and 0301 recommended for residence halls students. 3 credits
0101 TuTh.....11:00am-12:15pm (EDU 1121) Cuyjet, M
0201 TuTh.....3:30pm- 4:45pm (COL 3111) Cuyjet, M
0301 TuTh.....9:30am-10:45am (EDU 0202) Mielke, P

EDCP470 Introduction to Student Personnel; Grade Method: REG/P-F/AUD; 0101 recommended for orientation advisors only; 0201, 0301, 0401, 0501, 0601 recommended for para-professionals in the residence halls. 3 credits
0101 M.....3:00pm- 5:45pm (Arranged) Mielke, P
0201 M.....6:00pm- 8:45pm (Arranged) Mielke, P
0301 Tu.....2:00pm- 4:45pm (Arranged) Mielke, P
0401 W.....3:00pm- 5:45pm (Arranged) Mielke, P
0501 W.....6:00pm- 8:45pm (Arranged) Mielke, P
0601 TuTh.....3:30pm- 4:45pm (Arranged) Strumpf, G

EDCP489 (PermReq) Personnel Services; Grade Method: REG; Restricted to students with learning contracts approved prior to Dec. 10, 1986. 1-4 credits
0101 Time and room to be arranged Scales, W
0601 Time and room to be arranged McEwen, M

EDCP498 Special Problems in Counseling and Personnel Services; Grade Method: REG/P-F/AUD; 1-3 credits
0601 Time and room to be arranged McEwen, M
1801 Time and room to be arranged Power, P
1901 Time and room to be arranged Pumroy, D
2801 Time and room to be arranged Hershenson, D

EDCP499P Workshops, Clinics, Institutes: Preparation to Lead a Relationship Skill Workshop; Grade Method: REG/P-F/AUD; Prerequisite: EDCP 108W or EDCP 499R. 1-6 credits
0101 Time and room to be arranged Mielke, P
0201 Time and room to be arranged Mielke, P
0301 Time and room to be arranged Mielke, P
0401 Time and room to be arranged Mielke, P
0501 Time and room to be arranged Mielke, P

EDCP611 Career Development Theory and Programs; Grade Method: REG/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 2119) Spokane, A

EDCP612 Cross-Cultural Issues in Counseling and Personnel Services; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (EDU 1315) Sedlacek, W

EDCP615 (PermReq) Counseling I: Appraisal; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 3233) Greenberg, K
0201 Tu.....4:15pm- 7:00pm (JMZ 2123) Fassinger, R

EDCP618 (PermReq) Counseling Skills: Introduction to Practicum; Grade Method: REG/AUD; To be taken concurrently with EDCP 615. 1 credit
0101 Time and room to be arranged LAB STAFF

EDCP619R (PermReq) Practicum in Counseling: Community-Rehabilitation Counseling; Grade Method: REG; Limited to rehabilitation counseling. 3 credits
0101 Tu.....7:00pm-10:00pm (EDU 1203) Lawrence, R

EDCP619S (PermReq) Practicum in Counseling: Schools; Grade Method: REG; Limited to school counseling. 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 3214) Rhoads, D
0201 Tu.....7:00pm-10:00pm (EDU 3214) Rhoads, D

EDCP619U (PermReq) Practicum in Counseling; Grade Method: REG; Limited to CSPA majors only. 3 credits
0201 M.....10:00am- 1:00pm (Arranged) Lucas, M

EDCP627 (PermReq) Process Consultation; Grade Method: REG; Prerequisite: graduate course in group process. 3 credits
0101 F.....9:00am-12:00pm (EDU 3233) STAFF

EDCP634 Diagnostic Appraisal of Children II; Grade Method: REG/AUD; Prerequisite: EDCP 633. 4-3 credits
0101 Th.....9:30am-12:15pm (EDU 3236) Teglasi-Golubco
Time and room to be arranged DIS

EDCP636 Therapeutic Techniques and Classroom Management II; Grade Method: REG/AUD; Prerequisite: EDCP 635. 3 credits
0101 Th.....12:30pm- 3:15pm (EDU 3236) Pumroy, D

EDCP655 Organization and Administration of Personnel Services; Grade Method: REG/AUD; 2 credits
0101 W.....4:15pm- 7:00pm (JMZ 1215) Komives, S

EDCP656S (PermReq) Counseling and Personnel Services Seminar; Grade Method: REG; Limited to students enrolled in school counseling. 2 credits
0101 Th.....4:15pm- 7:00pm (EDU 3233) Greenberg, K

EDCP662 Medical Aspects of Disability; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm-10:00pm (EDU 3233) Lawrence, R

EDCP664 Vocational Evaluation; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (EDU 2101) Power, P

EDCP718 (PermReq) Advanced Seminar in Group Processes; Grade Method: REG; Limited to counseling psychology majors. 3 credits
0101 M.....9:00am-12:00pm (EDU 3233) Mullison, D

EDCP738 (PermReq) Practicum in Child Assessment: Practicum in Assessment; Grade Method: REG/AUD; Concurrent enrollment in EDCP 634 required. 3 credits
0101 Tu.....9:30am-12:30pm (EDU 3236) LAB Teglasi-Golubco

EDCP771 The College Student; Grade Method: REG/AUD; Limited to Master's CSPA students. 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 2125) McEwen, M

EDCP776 (PermReq) Modification of Human Behavior: Laboratory and Practicum; Grade Method: REG; 3 credits
0101 Time and room to be arranged Cook, D
Time and room to be arranged DIS

EDCP777 (PermReq) Modification of Human Behavior: Laboratory and Practicum; Grade Method: REG; Limited to counseling psychology majors. 3 credits
0101 Time and room to be arranged Fassinger, R
Time and room to be arranged LAB
0201 Time and room to be arranged Spokane, A

EDCP789I (PermReq) Advanced Topics in Counseling and Personnel Services: Professional Issues; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Birk, J

EDCP789N (PermReq) Advanced Topics in Counseling and Personnel Services: Therapeutic Approaches for Children; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Pumroy, D

EDCP789R (PermReq) Advanced Topics in Counseling and Personnel Services: Aids Seminar; Grade Method: REG/AUD; 3 credits
0101 Th.....1:00pm- 3:45pm (EDU 2102) Hoffman, M

EDCP789S (PermReq) Advanced Topics in Counseling and Personnel Services: Supervision in Counseling; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Birk, J

EDCP789V (PermReq) Advanced Topics in Counseling and Personnel Services: Advanced Seminar in Student Development Theory; Grade Method: REG; 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 2119) McEwen, M

EDCP789X (PermReq) Advanced Topics in Counseling and Personnel Services: Advanced Process in Consultation: Theory and Practicum; Grade Method: REG; 3 credits
0101 Time and room to be arranged STAFF

EDCP798 (PermReq) Special Problems in Counseling and Personnel Services; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDCP799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDCP888 (PermReq) Apprenticeship in Counseling and Personnel Services: Apprenticeship; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

EDCP888C (PermReq) Apprenticeship in Counseling and Personnel Services: Community Counseling Apprenticeship; Grade Method: REG; Prerequisite: student must have earned at least an A or B in EDCP 619C; section 0301 restricted to students placed at the UMCP Counseling Center. 4 credits
0101 Th.....2:00pm- 3:45pm (EDU 3233) STAFF
Time and room to be arranged LAB
0201 Tu.....7:00pm- 8:45pm (EDU 3236) STAFF
Time and room to be arranged LAB
0301 Th.....4:15pm- 6:00pm (JMZ 1211) STAFF
Time and room to be arranged LAB

EDCP888U (PermReq) Apprenticeship in Counseling and Personnel Services: Practicum in Student Personnel Administration; Grade Method: REG; Restricted to 2nd year MA Students in CSPA. Prerequisite: EDCP 610U and EDCP 771. 3 credits

0101 M.....3:30pm- 6:15pm (EDU 3214) Komives, S

EDCP889 (PermReq) Internship in Counseling and Personnel Services; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3-8 credits

EDCP899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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EDHD Education, Human Development (Education)

EDHD300E (PermReq) Human Development and Learning; Grade Method: REG/AUD; Elementary emphasis. Open only to students with junior standing who are following a complete teacher education program and who have previously applied. 6 credits
0101 WF.....12:00pm- 2:00pm (EDU 3315) Seefeldt, C
M.....8:00am- 1:00pm (Arranged) LAB
0201 WF.....10:00am-12:00pm (EDU 3315) STAFF
M.....8:00am- 1:00pm (Arranged) LAB
0301 TuTh.....9:00am-11:00am (EDU 3315) Bennett, S
W.....8:00am- 1:00pm (Arranged) LAB

EDHD300S (PermReq) Human Development and Learning; Grade Method: REG/AUD; Secondary emphasis. Open only to students with junior standing who are following a complete teacher education program and who have previously applied. 6 credits
0601 MW.....9:00am-11:00am (EDU 2102) Gardner, A
Tu.....8:00am- 1:00pm (Arranged) LAB
0701 MF.....12:00pm- 2:00pm (EDU 2102) STAFF
W.....8:00am- 1:00pm (Arranged) LAB

EDHD306 Study of Human Behavior; Grade Method: REG/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0201 MWF.....12:00pm-12:50pm (EDU 2101) STAFF
0301 TuTh.....12:30pm- 1:45pm (EDU 3315) STAFF
0401 TuTh.....9:30am-10:45am (EDU 2102) STAFF

EDHD320 Human Development Through the Lifespan; Grade Method: REG/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (EDU 3315) STAFF
0201 TuTh.....11:00am-12:15pm (EDU 3315) STAFF
0301 MWF.....10:00am-10:50am (EDU 4233) STAFF
0401 TuTh.....2:00pm- 3:15pm (EDU 3315) STAFF

EDHD330 Human Development and Societal Institutions; Grade Method: REG/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....9:30am-10:45am (EDU 1315) STAFF

EDHD350 Human Development Factors in Personal Development; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (EDU 2102) STAFF

EDHD386 (PermReq) Field Work; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

EDHD387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

EDHD400 Introduction to Gerontology; Grade Method: REG/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 2102) STAFF

EDHD411 Child Growth and Development; Grade Method: REG/AUD; Student must keep open one hour during a morning to be arranged. 3 credits
0201 MWF.....11:00am-11:50am (EDU 2102) Marcus, R

EDHD413 Adolescent Development; Grade Method: REG/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0201 Tu.....4:15pm- 7:00pm (EDU 3315) Gardner, A

EDHD419B Human Development and Learning in School Settings: Human Development and Learning; Grade Method: REG/AUD; Intended for students who enrolled in EDHD 419A in Fall 1987. 3 credits
0101 Tu.....10:00am-12:00pm (EDU 1107) Eliot, J
W.....8:00am- 1:00pm (Arranged) LAB

EDHD445 Guidance of Young Children; Grade Method: REG/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....9:00am- 9:50am (EDU 2119) Marcus, R
0201 TuTh.....2:00pm- 3:15pm (EDU 0212) STAFF
0501 TuTh.....11:00am-12:15pm (EDU 2119) STAFF

EDHD460 Educational Psychology; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (EDU 3315) Huebner, R
0201 MW.....3:00pm- 4:15pm (EDU 3315) Byrnes, J

EDHD489 (PermReq) Field Experiences in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

EDHD498 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

EDHD600 Introduction to Human Development and Child Study; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (EDU 0202) Taylor, A

EDHD603 Integrative Bases of Behavior; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (EDU 3315) Wigfield, A

EDHD630 Cognitive Processes During Aging; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:45pm (EDU 2101) Robertson-Tchab

EDHD640 The Adult Learner; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 3236) Robertson-Tchab

EDHD701 Training the Parent Educator; Grade Method: REG/AUD; Prerequisite: course in child development at 400 level or above. 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2102) Flatter, C

EDHD711 Peer-culture and Group Processes in Human Development; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 1104) Wigfield, A

EDHD721 Learning Theory and the Educative Process I; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 3315) Byrnes, J
0201 M.....1:00pm- 3:45pm (EDU 1315) Seefeldt, C

EDHD741 Conflict Resolution in Divorce Settlement; Grade Method: REG/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 1315) Koopman, E

EDHD779C (PermReq) Special Topics in Human Development: Team Research in Socialization Processes; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 2120) LAB Torney-Purta, J

EDHD779G (PermReq) Special Topics in Human Development: Team Research in Self Development; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 0210) Green, H

EDHD779L (PermReq) Special Topics in Human Development: Lab in Developmental Psychophysiology; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (EDU 3236) LAB Fox, N

EDHD780 Research Methods in Human Development; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (EDU 0206) Huebner, R

EDHD789 Internship in Human Development; Grade Method: REG/AUD; Contact instructor prior to registration. 3-8 credits
1101 Time and room to be arranged Hardy, R
1501 Time and room to be arranged Koopman, E
2501 Time and room to be arranged Tyler, B

EDHD798 (PermReq) Special Problems in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors. 1-6 credits

EDHD799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors. 1-6 credits

EDHD810 Physical Processes in Human Development I; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 3203) Porges, S

EDHD811 Physical Processes in Human Development II; Grade Method: REG/AUD; Limited to doctoral students. 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 2203) Fox, N

EDHD820 Socialization Processes in Human Development I; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 2101) Holloway, S

EDHD821 Socialization Processes in Human Development II; Grade Method: REG/AUD; Limited to doctoral students. 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 2123) Marcus, R

EDHD860 Synthesis of Human Development Concepts; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:45pm (EDU 3315) Green, H

EDHD884 (PermReq) Laboratory in Emotional Development; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged LAB Fox, N

EDHD888 (PermReq) Apprenticeship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

EDHD889 (PermReq) Internship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3-8 credits

EDHD899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors. 1-8 credits

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EDIT Industrial, Technological and Occupational Education (Education)

EDIT101 Mechanical Drawing I; Grade Method: REG/AUD; 2 credits
0101 TuTh.....11:00am-11:50am (JMP 2229) Mosser, D
W.....1:00pm- 2:50pm (JMP 2229) LAB
0201 TuTh.....11:00am-11:50am (JMP 2229) Mosser, D
Th.....1:00pm- 2:50pm (JMP 2229) LAB
0401 TuTh.....3:00pm- 5:00pm (JMP 2229) Volk, K
TuTh.....3:00pm- 5:00pm (JMP 2229) LAB

EDIT102 Fundamentals of Woodworking; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....10:00am-11:50am (JMP 1202) Smith, J
Th.....8:00am-11:50am (JMP 1210) LAB
0201 Tu.....10:00am-11:50am (JMP 1202) Smith, J
TuTh.....1:00pm- 2:50pm (JMP 1210) LAB

EDIT112 Technical Calculations; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (JMP 3201) Stough, K

EDIT114 Principles of Typewriting; Grade Method: REG; 2 credits
0101 MTuWTh.....8:00am- 8:50am (JMP 2115) Spear, M
0401 MTuWTh.....9:00am- 9:50am (JMP 2115) Spear, M

EDIT115 Intermediate Typewriting; Grade Method: REG; 2 credits
0101 MTuWTh.....1:00pm- 1:50pm (JMP 2115) Marschall, S

EDIT121 Mechanical Drawing II; Grade Method: REG/AUD; 2 credits
0101 TuTh.....12:00pm-12:50pm (JMP 2229) Mosser, D
M.....1:00pm- 2:50pm (JMP 2229) LAB
0201 TuTh.....12:00pm-12:50pm (JMP 2229) Mosser, D
Tu.....1:00pm- 2:50pm (JMP 2229) LAB

EDIT127 Fundamentals of Electricity Electronics; Grade Method: REG/P-F/AUD; 3 credits
0201 MW.....6:00pm- 9:00pm (JMP 1109) Wall, J
MW.....6:00pm- 9:00pm (JMP 1109) LAB
0301 TuTh.....1:00pm- 1:50pm (JMP 3201) Milligan, D
MW.....10:00am-11:50am (JMP 3225) LAB
0501 TuTh.....1:00pm- 1:50pm (JMP 3201) Milligan, D
TuTh.....2:00pm- 3:50pm (JMP 3201) LAB

EDIT160 Design Illustrating I; Grade Method: REG/P-F/AUD; Recommended for interior design, advertising design, pre-design, landscape design, and horticulture majors only. 3 credits
0401 MW.....5:00pm- 8:00pm (JMP 2108) Andrew, K
MW.....5:00pm- 8:00pm (JMP 2108) LAB
0801 TuTh.....7:00pm-10:00pm (JMP 2229) Schuma, J
TuTh.....7:00pm-10:00pm (JMP 2229) LAB
1001 TuTh.....11:00am- 2:00pm (JMP 2108) Petrina, S
TuTh.....11:00am- 2:00pm (JMP 2108) LAB
1201 TuTh.....2:00pm- 5:00pm (JMP 2108) Petrina, S
TuTh.....2:00pm- 5:00pm (JMP 2108) LAB
1401 MWF.....1:00pm- 3:00pm (JMP 2108) Chory, M
MWF.....1:00pm- 3:00pm (JMP 2108) LAB

EDIT202 Machine Woodworking; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 102 or permission of instructor. 3 credits
0101 MW.....1:00pm- 4:00pm (JMP 1210) Smith, J
MW.....1:00pm- 4:00pm (JMP 1210) LAB

EDIT210 Foundry; Grade Method: REG/P-F/AUD; Students must also register for same section of EDIT 223. 1 credit
0101 Th.....6:00pm-10:00pm (JMP 1109) Strenge, J
Th.....6:00pm-10:00pm (JMP 1108) LAB
0301 TuTh.....1:00pm- 3:00pm (JMP 1109) Strenge, J
TuTh.....1:00pm- 3:00pm (JMP 1108) LAB

EDIT215 Survey of Office Machines; Grade Method: REG; 3 credits
0101 TuTh.....2:00pm- 4:30pm (JMP 2202) Spear, M
0201 MWF.....10:00am-11:15am (JMP 3106) Spear, M

EDIT223 Arc and Gas Welding; Grade Method: REG/P-F/AUD; Students must also register for EDIT 210. 1 credit
0101 Time and room to be arranged Strenge, J
0301 Time and room to be arranged Strenge, J

EDIT224 Organized and Supervised Work Experiences I; Grade Method: REG/P-F/AUD; Student must see instructor during first week of classes, permission of instructor required. 3 credits
0101 Time and room to be arranged Elkins, R

EDIT227 Applications of Electronics; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 127 or equivalent. 3 credits
0101 TuTh.....9:00am-12:00pm (JMP 2201) Milligan, D
TuTh.....9:00am-12:00pm (JMP 2201) LAB

EDIT231 Mechanical Drawing III; Grade Method: REG/P-F/AUD; 2 credits
0101 TuTh.....9:00am-11:00am (JMP 2229) Volk, K
TuTh.....9:00am-11:00am (JMP 2229) LAB

EDIT233 Fundamentals of Power Technology; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....8:00am-10:00am (JMP 2123) Jones, B
MWF.....8:00am-10:00am (JMP 1229) LAB

EDIT234 Graphic Communications; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....8:00am-10:00am (JMP 2202) McLaughlin Jr.,
MWF.....8:00am-10:00am (JMP 2222) LAB
0201 MWF.....10:00am-12:00pm (JMP 2202) McLaughlin Jr.,
MWF.....10:00am-12:00pm (JMP 2222) LAB
0401 MW.....1:00pm- 4:00pm (JMP 2202) McLaughlin Jr.,
MW.....1:00pm- 4:00pm (JMP 2222) LAB
0501 MW.....7:00pm-10:00pm (JMP 2202) STAFF
MW.....7:00pm-10:00pm (JMP 2222) LAB

EDIT241 Architectural Drawing; Grade Method: REG/P-F/AUD; 2 credits
0101 MW.....9:00am-11:00am (JMP 2229) Craven, H
MW.....9:00am-11:00am (JMP 2229) LAB
0201 MW.....3:00pm- 5:00pm (JMP 2229) Craven, H
MW.....3:00pm- 5:00pm (JMP 2229) LAB

EDIT262 Basic Metal Machining; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....12:00pm- 3:00pm (JMP 1109) Strenge, J
MW.....12:00pm- 3:00pm (JMP 1120) LAB
0301 TuTh.....9:00am-12:00pm (JMP 1109) Strenge, J
TuTh.....9:00am-12:00pm (JMP 1120) LAB

EDIT270 Field Experiences; Grade Method: REG; Reserve one morning per week for visitations. For majors in business education, industrial arts, and vocational technical education and/or pre-education students entering above fields of study. 3 credits
0101 Th.....3:00pm- 3:50pm (JMP 3104) STAFF
Time and room to be arranged LAB

EDIT273 Practicum in Ceramics; Grade Method: REG/P-F/AUD; For art education students or permission of instructor. 3 credits
0101 MF.....1:00pm- 4:00pm (JMP 2120) McWhinnie, H

EDIT291 Introduction to Plastics Technology; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....9:00am-11:00am (JMP 3201) Mason, R
TuTh.....1:00pm- 2:50pm (JMP 1216) LAB
0102 Tu.....9:00am-11:00am (JMP 3201) Mason, R
MW.....1:00pm- 2:50pm (JMP 1216) LAB
0103 Tu.....9:00am-11:00am (JMP 3201) Mason, R
TuTh.....11:00am-12:50pm (JMP 1216) LAB

EDIT298 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDIT302 Woodworking Technology; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 102 or EDIT 202 or consent of department. 3 credits
0101 MWF.....10:00am-12:00pm (JMP 1210) Smith, J
MWF.....10:00am-12:00pm (JMP 1210) LAB

EDIT324 Organized and Supervised Work Experiences II; Grade Method: REG/P-F/AUD; Student must see instructor during first week of classes; permission of instructor required. 3 credits
0101 Time and room to be arranged Elkins, R

EDIT327 Electronic Semi-Conductor Applications; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 127 or permission of instructor. 3 credits
0101 MW.....1:00pm- 4:00pm (JMP 2201) Milligan, D
MW.....1:00pm- 4:00pm (JMP 2201) LAB

EDIT334 Photographic and Electronic Graphic Communications; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:00am-12:00pm (JMP 2202) McLaughlin Jr.,
TuTh.....9:00am-12:00pm (JMP 2222) LAB

EDIT335 Continuous Tone Photographic Technology; Grade Method: REG/P-F/AUD; Prerequisite: EDIT 234 or consent of instructor. 3 credits
0101 TuTh.....1:00pm- 4:00pm (JMP 1202) Bell, T
TuTh.....1:00pm- 4:00pm (JMP 2222) LAB

EDIT340 Methods of Teaching Office Skills; Grade Method: REG; Meets only first eight weeks of semester. 3 credits
0101 TuTh.....1:00pm- 3:50pm (JMP 3225) Boyce, J

EDIT342 Curriculum, Instruction, and Observation: Home Economics Education; Grade Method: REG/P-F/AUD; Lab time will be arranged for Friday. 3 credits
0101 MW.....1:00pm- 4:00pm (JMP 3225A) Hultgren, F

EDIT344 Curriculum, Instruction, and Observation: Industrial Arts Education; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 4:00pm (JMP 3104) Luetkemeyer, J
Time and room to be arranged LAB

EDIT350 Methods of Teaching: Trades and Industry Education; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (JMP 1202) Luetkemeyer, J

EDIT360 Industrial Production Technology; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (JMP 3104) Mietus, W
TuTh.....9:30am-10:45am (JMP 3104) LAB

EDIT391 Plastics Processing Fundamentals; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....9:00am-12:00pm (JMP 1202) Mason, R
MW.....9:00am-12:00pm (JMP 1216) LAB

EDIT405 Business Communications; Grade Method: REG; 3 credits
0101 TuTh.....11:00am-12:30pm (JMP 3104) Boyce, J

EDIT406 (PermReq) Word Processing; Grade Method: REG; For business education only. 3 credits
0101 M.....4:15pm- 7:00pm (JMP 3106) Marschall, S
0201 TuTh.....9:30am-10:45am (JMP 3106) Boyce, J

EDIT414 Organization and Coordination of Cooperative Education Programs; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (JMP 3225) Herschbach, D

EDIT416 Financial and Economic Education II; Grade Method: REG/AUD; 3 credits
0101 TuTh.....4:00pm- 7:00pm (JMP 3105) Hewitt, M

EDIT422 Student Teaching: Industrial Arts Education; Grade Method: S-F; 2-12 credits
0101 Time and room to be arranged Stough, K

EDIT425 Analysis of Industrial Training Programs I; Grade Method: REG/P-F/AUD; Recommended for junior or higher academic status. 3 credits
0101 Th.....7:00pm-10:00pm (JMP 1202) Hunter, A

EDIT426 Analysis of Industrial Training Programs II; Grade Method: REG/P-F/AUD; Recommended for junior or higher academic status. 3 credits
0101 M.....7:00pm-10:00pm (JMP 1202) Hunter, A

EDIT427 Experimental Electronics; Grade Method: REG; 2 credits
0101 Time and room to be arranged Milligan, D

EDIT432 Student Teaching: Business Education; Grade Method: S-F; 2-12 credits
0101 Time and room to be arranged Peters, R

EDIT436 (PermReq) Analysis of Child Development Laboratory Practices; Grade Method: REG/P-F/AUD; Concurrent registration in: FMCD 332 or EDHD 411 and EDHD 425. Consent of instructor required. Save half day a.m. on Tuesday or Thursday. 3 credits
0101 Th.....4:15pm- 7:00pm (JMP 3225A) STAFF
Time and room to be arranged LAB

EDIT440 Industrial Hygiene; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....7:00pm-10:00pm (JMP 2202) Wilkinson, T

EDIT442 Student Teaching: Home Economics Education; Grade Method: S-F; 2-12 credits
0101 Time and room to be arranged Hultgren, F

EDIT443 Industrial Safety I; Grade Method: REG/P-F/AUD; Must have at least 56 credits to register. 3 credits
0101 MWF.....2:00pm- 2:50pm (JMP 3201) Ashley, R

EDIT444 Industrial Safety II; Grade Method: REG/P-F/AUD; Must have at least 56 credits earned to register. 3 credits
0101 Tu.....7:00pm-10:00pm (JMP 3201) Ashley, R
0201 W.....7:00pm-10:00pm (JMP 3225) Ashley, R

EDIT452 Student Teaching: Marketing and Distributive Education; Grade Method: S-F; 2-12 credits
0101 Time and room to be arranged Anderson, C

EDIT455 Private Fire Protection Analysis II; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....7:00pm-10:00pm (JMP 3104) Birk, D

EDIT457 Tests and Measurements; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....7:00pm-10:00pm (JMP 3201) Stough, K

EDIT461 Principles of Vocational Guidance; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....7:00pm-10:00pm (JMP 2202) Mietus, W

EDIT462 Occupational Analysis and Course Construction; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....4:00pm- 7:00pm (JMP 2202) Herschbach, D

EDIT465 Modern Industry; Grade Method: REG/P-F/AUD; Recommended for junior or higher academic status. 3 credits
0101 Th.....4:15pm- 7:00pm (JMP 1202) Hunter, A

EDIT470 Numerical Control in Manufacturing; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (JMP 3105) — Elkins, R

EDIT472 Quality Control and Assurance in Industrial Settings; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....7:00pm-10:00pm (JMP 1202) — Sullivan, D

EDIT475 Recent Technological Developments in Products and Processes; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMP 3104) — Elkins, R

EDIT476 Application of Technology to Societal Problems; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 MWF.....9:00am- 9:50am (JMP 3201) — Sullivan, D
0201 MWF.....10:00am-10:50am (JMP 3104) — STAFF
MWF.....10:00am-10:50am (JMP 3104) LAB
0301 MWF.....11:00am-11:50am (JMP 3104) — STAFF
MWF.....11:00am-11:50am (JMP 3201)
0401 MWF.....12:00pm-12:50pm (JMP 3104) — STAFF
MWF.....12:00pm-12:50pm (JMP 3104)

EDIT477 Microcomputer Applications in Technology and Industry; Grade Method: REG/P-F/AUD; For EDIT majors or education juniors or seniors only or by permission of instructor. — 3 credits
0101 W.....4:15pm- 7:00pm (JMP 3225) — Elkins, R

EDIT484 Field Experiences in Home Economics Education; Grade Method: REG/P-F/AUD; — 3 credits
0101 Time and room to be arranged — Hultgren, F

EDIT485 Field Experiences in Business Education; Grade Method: REG; — 3 credits
0101 Time and room to be arranged — Peters, R

EDIT486 Field Experiences in Marketing and Distributive Education; Grade Method: REG; — 3 credits
0101 Time and room to be arranged — STAFF

EDIT488L Selected Topics in Education: Strategies of Teaching Critical and Creative Thinking; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (Arranged) — Hultgren, F

EDIT492 Issues Encountered in Daily Living in the Home; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....1:00pm- 2:30pm (JMP 3104) — Hewitt, M

EDIT498 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDIT499D Workshops, Clinics, and Institutes: Workshop in Vocational Education; Grade Method: REG/P-F/AUD; — 1-3 credits
0101 W.....6:00pm- 7:00pm (JMP 3104) — Mietus, W

EDIT499R Workshops, Clinics, and Institutes: Work Experience, Trade Advancement; Grade Method: REG/P-F/AUD; — 1-6 credits
0101 Time and room to be arranged — Luetkemeyer, J

EDIT640 Research in Industrial Arts and Vocational Education; Grade Method: REG/AUD; — 1-3 credits
0101 W.....4:15pm- 7:00pm (JMP 3104) — Mietus, W

EDIT641 Content and Method of Industrial Arts; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm-10:00pm (JMP 3201) — Maley, D

EDIT642 Coordination in Work-Experience Programs; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (JMP 3225) — Herschbach, D

EDIT647 Seminar in Industrial Arts and Vocational Education; Grade Method: REG/AUD; — 1-3 credits
0101 W.....4:15pm- 7:00pm (JMP 3104) — Mietus, W

EDIT676 Planning and Policy Issues in Vocational and Technical Education; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm-10:00pm (JMP 3104) — Herschbach, D

EDIT742 Theory and Research in Business Education; Grade Method: REG/AUD; — 1-3 credits
0101 W.....4:15pm- 7:00pm (JMP 1202) — Peters, R

EDIT788Z Selected Topics in Education: Microcomputer Applications in Technology and Industry; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (JMP 3225) — Elkins, R

EDIT798 (PermReq) Special Problems in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDIT799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDIT888 (PermReq) Apprenticeship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

EDIT889 (PermReq) Internship in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3-8 credits

EDIT899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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EDMS Measurement, Statistics, and Evaluation (Education)

EDMS410 Principles of Testing and Evaluation; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (COL 3110) — Lissitz, R

EDMS451 Introduction to Educational Statistics; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Limited to students with cumulative credits of 60. Students in programs requiring a different introductory applied statistics course for the major, eg., BMGT, PSYC, ECON and possibly others, may not use EDMS 451 to satisfy the USP Advanced Studies requirement. — 3 credits
0201 TuTh.....11:00am-12:15pm (EDU 4233) — STAFF
0301 TuTh.....2:00pm- 3:15pm (EDU 4233) — Macready, G
0401 TuTh.....12:30pm- 1:45pm (EDU 4233) — STAFF
0501 MW.....12:30pm- 1:45pm (EDU 4233) — STAFF
0601 MW.....11:00am-12:15pm (EDU 4233) — STAFF
0701 TuTh.....9:30am-10:45am (EDU 4233) — DeAyala, R

EDMS635 Computer-Based Measurement; Grade Method: REG/AUD; Prerequisites: EDMS 623 and 651. — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 4233) — Johnson, C

EDMS645 Quantitative Research Methods I; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 8:40pm (ASY 2203) — Johnson, C
M.....5:00pm- 6:40pm (ASY 3207) LAB
0102 Th.....7:00pm- 8:40pm (ASY 2203) — Johnson, C
M.....7:00pm- 8:40pm (EDU 4233) LAB
0103 Th.....7:00pm- 8:40pm (ASY 2203) — Johnson, C
Tu.....5:00pm- 6:40pm (ASY 3211) LAB

EDMS646 Quantitative Research Methods II; Grade Method: REG/AUD; Prerequisite: EDMS 645. — 3 credits
0101 Th.....5:00pm- 6:40pm (ASY 2203) — Macready, G
M.....5:00pm- 6:40pm (ASY 3215) LAB
0102 Th.....5:00pm- 6:40pm (ASY 2203) — Macready, G
Tu.....5:00pm- 6:40pm (ASY 3215) LAB
0103 Th.....5:00pm- 6:40pm (ASY 2203) — Macready, G
Tu.....7:00pm- 8:40pm (EDU 4233) LAB

EDMS651 Intermediate Statistics in Education; Grade Method: REG/AUD; Prerequisite: EDMS 646 or 451. — 3 credits
0101 MW.....4:15pm- 5:30pm (EDU 4233) — Schafer, W
0201 TuTh.....4:15pm- 5:30pm (ASY 3221) — Schafer, W

EDMS653 Correlation and Regression Analysis; Grade Method: REG/AUD; Prerequisite: EDMS 651. — 3 credits
0101 Tu.....4:15pm- 7:00pm (ASY 3217) — Dayton, C

EDMS724 Measurement Theory II; Grade Method: REG/AUD; Prerequisite: EDMS 723. — 3 credits
0101 Time and room to be arranged DIS — DeAyala, R

EDMS747 Design of Program Evaluations; Grade Method: REG/AUD; Prerequisite: EDMS 647 and EDMS 651. — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 0212) — Benson, J

EDMS769K Special Topics in Applied Statistics in Education: Structural Equation Modeling; Grade Method: REG/AUD; Prerequisites: EDMS 651 and 657. — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 4233) — Benson, J

EDMS771 Design of Experiments; Grade Method: REG/AUD; Prerequisite: EDMS 651. — 3 credits
0101 MW.....4:15pm- 5:30pm (ASY 3219) — Dayton, C

EDMS798 Special Problems in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDMS799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDMS889 Internship in Measurement and Statistics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3-8 credits

EDMS899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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EDPA Education Policy, Planning and Administration (Education)

EDPA210 Historical and Philosophical Perspectives On Education; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (EDU 2101) — Noll, J

EDPA301 Foundations of Education; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (EDU 2119) — Lindsay, R
0301 TuTh.....11:00am-12:15pm (EDU 0202) — Agre, G
0401 TuTh.....12:30pm- 1:45pm (EDU 0114) — Male, G
0601 TuTh.....2:00pm- 3:15pm (EDU 0114) — Male, G
0701 Tu.....4:15pm- 7:00pm (EDU 0114) — Finkelstein, B
0801 M.....7:00pm- 9:45pm (EDU 0114) — Splaine, J

EDPA386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDPA387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDPA400 The Future of the Human Community; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 0212) — Lindsay, R
0201 Th.....4:15pm- 7:00pm (EDU 0212) — Splaine, J

EDPA489 Field Experiences in Education; Grade Method: S-F; Contact instructor prior to registration. — 1-4 credits
0101 Time and room to be arranged — Stephens, E
0201 Time and room to be arranged — Splaine, J
0301 Time and room to be arranged — Berdahl, R

EDPA498 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDPA614 Politics of Education; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 0210) — Agre, G

EDPA622 Education Policy, Values, and Social Change; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 0114) — Huden, D

EDPA627 Education Policy: An International Perspective; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 0210) — Male, G

EDPA634 The School Curriculum; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 2203) — Selden, S

EDPA635 Principles of Curriculum Development; Grade Method: REG/AUD; — 3 credits
0101 W.....1:00pm- 3:45pm (EDU 1203) — Berman, L

EDPA651 Higher Education Law; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 3236) — Clague, M

EDPA660 Administrative Foundations; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:45pm (EDU 2101) — McLoone, E

EDPA661 Administrative Behavior and Organizational Management; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:45pm (EDU 2102) — Heid, C

EDPA662 Administrative Processes; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 1203) — McLoone, E

EDPA663 Policy Formulation in Education; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 0210) — Andrews Jr., J

EDPA665 The Organization and Administration of Secondary Schools; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 2102) — Goldman, H

EDPA667 Public School Supervision; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 1109) — Dudley, J

EDPA679 Master's Seminar; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 0206) — Slater, R

EDPA700 Qualitative Research Methods in Education; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:45pm (EDU 0114) — Hopkins, R

EDPA738 Scholarly Thought and Contemporary Curriculum; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 1203) — Berman, L

EDPA752 State Systems of Higher Education; Grade Method: REG/AUD; Taught by Dr. Robert Berdahl, Distinguished Scholar Teacher. — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 1203) — Berdahl, R

EDPA754 Higher Education Finance; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:45pm (EDU 1203) — Schmidtlein, F

EDPA755 Federal Policies in Post-Secondary Education; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 2119) — Lee, J

EDPA757 College Teaching; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 2203) — Selden, S

EDPA761 Group Relationships in Administration; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (JMZ 1109) — Leak, L

EDPA788C Special Topics in Education Policy and Administration: Academic Personal Adminstration; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (JMZ 1215) — Chait, R

EDPA788G Special Topics in Education Policy and Administration: Adminstrative Leadership in Elementry/Secondary Schools; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:45pm (EDU 2203) — Slater, R

EDPA798 (PermReq) Special Problems in Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDPA799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDPA861 Seminar: Research in School Effectiveness; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 3233) — Stephens, E

EDPA889 Internship in Education; Grade Method: S-F; Consent of advisor; recommended that school administration/supervision majors register for section 0101; curriculum theory, 0201; higher/adult education, 0301; social foundations, 0401. — 3-8 credits
0101 Time and room to be arranged LAB — Stephens, E
0201 Time and room to be arranged LAB — Berdahl, R
0301 Time and room to be arranged LAB — Berman, L
0401 Time and room to be arranged LAB — Noll, J

EDPA895 Research Critique Seminar; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2203) — Finkelstein, B

EDPA899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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EDSP Education, Special (Education)

EDSP210 Introduction to Special Education; Grade Method: REG/AUD; — 3 credits
0101 MW.....1:00pm- 2:30pm (EDU 0212) — Florian, L

EDSP288C Special Topics in Teacher Education: Career Development in Special Education; Grade Method: REG/P-F/AUD; Open to all undergraduate students. — 1 credit
0201 F.....11:00am-12:00pm (EDU 2119) — Florian, L

EDSP331 Introduction to Curriculum and Instructional Methods in Special Education; Grade Method: REG/AUD; Prerequisites: EDSP 320, EDSP 321, EDSP 322. Co-requisite: EDSP 333. Pre-special education and special education majors only. — 3 credits
0101 MW.....1:15pm- 2:45pm (EDU 0202) — Maag, J
0201 MW.....1:15pm- 2:45pm (EDU 0206) — Cooper, D

EDSP332 Interdisciplinary Communication in Special Education; Grade Method: REG/AUD; Prerequisite: EDSP 210 or EDSP 470. Pre-special education, special education, and special education graduate students only. — 3 credits
0101 TuTh.....1:15pm- 2:45pm (EDU 2119) — Kohl, F

EDSP333 Field Placement in Special Education II; Grade Method: REG/AUD; Students must reserve two half days (8-1) for this experience. Co-requisite: EDSP 331. Prerequisite: EDSP 320, 321, 322. Pre-special education and special education majors only. — 3 credits
0101 F.....9:00am-10:30am (EDU 2101) — STAFF
MW.....8:00am- 1:00pm (Arranged) LAB
0201 F.....9:00am-10:30am (EDU 2101) — STAFF
TuTh.....8:00am- 1:00pm (Arranged) LAB
0301 F.....10:30am-12:00pm (EDU 2101) — STAFF
TuTh.....8:00am- 1:00pm (Arranged) LAB
0401 F.....10:30am-12:00pm (EDU 2101) — STAFF
MW.....8:00am- 1:00pm (Arranged) LAB

EDSP376 Fundamentals of Sign Language; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....4:15pm- 5:30pm (ARC 1105) — Aiello, E

EDSP403 Physical and Communication Development for Severely Handicapped Students; Grade Method: REG/AUD; Prerequisite: EDSP 400. Practicum required. Placement arranged for students not concurrently enrolled in EDSP 405. Pre-special education, special education majors and special education graduate students only. — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 2101) — Kohl, F

EDSP405 Field Placement: Severely Handicapped II; Grade Method: REG/AUD; Prerequisite: EDSP 402. Corequisites: EDSP 403 and EDSP 410. Students must reserve three half-days (8-1) for this experience. Undergraduate students only. — 4 credits
0101 F.....9:00am-10:30am (EDU 1315) — Kohl, F
TuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP405A Field Placement: Severely Handicapped II; Grade Method: REG/AUD; Open to special education graduate students only. — 2-5 credits
0101 Time and room to be arranged — Gradel, K
0201 Time and room to be arranged — Kohl, F
0301 Time and room to be arranged — Egel, A

EDSP410 Community Functioning Skills For Severely Handicapped Students; Grade Method: REG/AUD; Prerequisite: EDSP 400. Field placement required. Practicum arranged for those students not concurrently enrolled in EDSP 405. Pre-special education, special education majors and special education graduate students only. — 3 credits
0101 TuTh.....1:15pm- 2:45pm (EDU 0202) — Gradel, K

EDSP417 Student Teaching: Severely Handicapped; Grade Method: S-F; Limited to special education majors who have pre-registered with the EDSP department. — 4-11 credits
0101 M.....4:00pm- 6:00pm (JMZ 3205) — STAFF
Time and room to be arranged LAB

EDSP418 Seminar: Issues and Research Related to the Instruction of the Severely Handicapped; Grade Method: REG/AUD; Limited to special education majors and special education graduate students. — 3 credits
0101 Time and room to be arranged — Egel, A

EDSP422 Curriculum and Instruction in Early Childhood Special Education (Moderate to Mild: 3-8 Years); Grade Method: REG/AUD; Prerequisite: EDSP 420. Field placement required. Placement arranged for those students not concurrently enrolled in EDSP 424. Pre-special education, special education, and special education graduate students only. — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 0202) — Lieber, J

EDSP424 Field Placement: Early Childhood Special Education II (Moderate to Mild); Grade Method: REG/AUD; Prerequisite: EDSP 421. Co-requisite: EDSP 422. Students must reserve three half days (8-1) for this experience. Pre-special education and special education majors only. — 4 credits
0101 F.....10:30am-12:00pm (EDU 1315) — Beckman, P
TuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP424A Field Placement: Early Childhood Special Education II (Moderate to Mild); Grade Method: REG/AUD; Special education graduate students only. — 2-4 credits
0101 Time and room to be arranged — Beckman, P
0201 Time and room to be arranged — Kohl, F
0301 Time and room to be arranged — Lieber, J
0401 Time and room to be arranged — Cooper, D

EDSP437 Student Teaching: Early Childhood Special Education; Grade Method: S-F; Limited to special education majors who have pre-registered with the EDSP department. — 4-11 credits
0101 MTu.....4:00pm- 6:00pm (JMZ 0120) — STAFF
Time and room to be arranged LAB

EDSP438 Seminar: Special Issues in Early Childhood Special Education; Grade Method: REG/AUD; Limited to special education majors and special education graduate students. — 3 credits
0101 Time and room to be arranged — Speece, D

EDSP440 Assessment and Instructional Design for the Educationally Handicapped: Cognitive and Psychosocial Development; Grade Method: REG/AUD; Prerequisites: EDSP 441 and EDSP 442. Field placement required. Practicum arranged for those students not concurrently enrolled in EDSP 445. Pre-special education, special education, and graduate students only. — 3 credits

0101 TuTh.....1:15pm- 2:45pm (EDU 0206) Harris, K

EDSP443 Assessment and Instructional Design for the Handicapped: Reading and Written Communication Disorders; Grade Method: REG/AUD; Prerequisite: EDSP 210 or EDSP 600 and EDSP 320 and EDSP 321. Field placement required. Practicum arranged for those students not concurrently enrolled in EDSP 405 or 424 or 445 or 463. Pre-special education, special education majors and special education graduate students only. Recommended that EH and CV students register for Section 1; EC and SH students, Section 2. 3 credits
0101 MW.....2:45pm- 4:15pm (EDU 0202) Graham, S
0201 MW.....2:45pm- 4:15pm (EDU 0206) Lieber, J

EDSP445 Field Placement: Educationally Handicapped II; Grade Method: REG/AUD; Prerequisite: EDSP 442. Co-requisite: EDSP 440 and EDSP 443. Students must reserve three half days (8-1) for this experience. Pre-special education and special education majors only. 4 credits
0101 F.....9:00am-10:30am (EDU 2102) Graham, S
TuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP445A Field Placement: Educationally Handicapped II; Grade Method: REG/AUD; Special education graduate students only. 2-4 credits
0101 Time and room to be arranged Graham, S
0201 Time and room to be arranged Leone, P
0301 Time and room to be arranged Speece, D
0401 Time and room to be arranged Harris, K
0501 Time and room to be arranged Cooper, D
0601 Time and room to be arranged Simms, B
0701 Time and room to be arranged Hebeler, J
0801 Time and room to be arranged Maag, J

EDSP457 Student Teaching: Educationally Handicapped; Grade Method: S-F; Limited to special education majors who have pre-registered with the EDSP department. 4-11 credits
0101 MTu.....4:00pm- 6:00pm (JMZ 2206) STAFF
Time and room to be arranged LAB

EDSP458 Seminar: Special Issues and Research Related to the Educationally Handicapped; Grade Method: REG/AUD; Limited to special education majors and special education graduate students. 3 credits
0101 Time and room to be arranged Speece, D

EDSP462 Career/Vocational Assessment and Instruction For the Mild to Moderately Handicapped I; Grade Method: REG/AUD; Prerequisite: EDSP 210 or EDSP 600. Field placement required. Practicum arranged for those students not concurrently enrolled in EDSP 463. Restricted to special education graduate students and pre-special education and special education majors. 3 credits
0101 M.....4:15pm- 7:00pm (EDU 0202) Neubert, D

EDSP463 Field Placement: Career/Vocational II; Grade Method: REG/AUD; Prerequisite: EDSP 461. Corequisite: EDSP 462 and EDSP 443. Students must reserve three half days (8-1) for this experience. Pre-special education and special education majors only. 3 credits
0101 F.....10:30am-12:00pm (EDU 0210) STAFF
TuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP463A Field Placement: Career/Vocational II; Grade Method: REG/AUD; Open to special education graduate students only. 3 credits
0101 Time and room to be arranged Neubert, D

EDSP467 Student Teaching: Career/Vocational; Grade Method: S-F; Limited to special education majors who have pre-registered with the EDSP department. 4-11 credits
0101 M.....4:00pm- 6:00pm (JMZ 0204) STAFF
Time and room to be arranged LAB

EDSP468 Special Topics Seminar in Career/Vocational Education For the Handicapped; Grade Method: REG/AUD; Limited to special education majors and special education graduate students. 3 credits
0101 Time and room to be arranged Egel, A

EDSP470 Introduction to Special Education; Grade Method: REG/P-F/AUD; Not open to undergraduate special education majors. 3 credits
0101 M.....4:15pm- 7:00pm (EDU 2119) Simms, B
0201 W.....4:15pm- 7:00pm (EDU 2119) Hebeler, J

EDSP476 Communicating with Sign Language; Grade Method: REG/P-F/AUD; Prerequisite: EDSP 376 or consent of instructor. 3 credits
0101 TuTh.....5:45pm- 7:00pm (ARC 1105) Aiello, E

EDSP481 Characteristics of Exceptional Children: Gifted; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:45pm (EDU 2119) Simms, B

EDSP483 Curriculum For Exceptional Children: Gifted; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2101) Simms, B

EDSP489 Field Experiences in Special Education; Grade Method: REG/P-F/AUD; 1-4 credits
0101 Time and room to be arranged STAFF

EDSP492 Education of Learning Disabled Students; Grade Method: REG/P-F/AUD; Not open to undergraduate special education majors. 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 2101) Graham, S

EDSP498 Special Problems in Special Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 1-6 credits

EDSP498B (PermReq) Special Problems in Special Education: Career Development and Advisement; Grade Method: REG/P-F/AUD; Limited to special education and pre-special education majors. 1-6 credits
0101 F.....12:00pm- 2:00pm (EDU 1315) Florian, L

EDSP600 Exceptional Children and Youth; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 2101) Gradel, K

EDSP620 Educational Diagnosis and Planning For Learning Disabled Students; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 1203) Speece, D

EDSP621 Social and Academic Skill Development for Behaviorally Disordered Students; Grade Method: REG/AUD; 3 credits
0101 M.....4:15pm- 7:00pm (JMZ 1224) Florian, L

EDSP635 Seminar: Behavioral Disorders; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 2102) Maag, J

EDSP640 Seminar: Learning Disabilities; Grade Method: REG/AUD; 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 0206) Harris, K

EDSP650 Seminar in Early Childhood Special Education; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:45pm (EDU 0210) Cooper, D

EDSP651 Program Planning and Instruction for Handicapped Children; Grade Method: REG/AUD; Co-requisite: EDSP 430 or equivalent. 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 2122) STAFF

EDSP678D Seminar in Special Education: Single Subject Research Design with the Handicapped; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:45pm (EDU 0202) Egel, A

EDSP678T (PermReq) Seminar in Special Education: Programming for the Developmentally Delayed Child: Medical and Genetic Implications; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

EDSP678V Seminar in Special Education: Development of Computer Assisted Instruction for Handicapped Students; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

EDSP685 Policy Formulation and Persons with Disabilities; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 3205) McLaughlin, M

EDSP798 Special Problems in Special Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 1-6 credits

EDSP799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 1-6 credits

EDSP888 Apprenticeship in Special Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 1-8 credits

EDSP889 Internship in Special Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 3-8 credits

EDSP899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 1-8 credits

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ENAE Engineering, Aerospace (Engineering)

ENAE201 Introduction to Aerospace Engineering I; Grade Method: REG/P-F/AUD; 2 credits
0101 Meets 01/23/89 - 03/30/89 Winblade, R
MWF.....3:00pm- 3:50pm (EGR 1202)

ENAE202 Introduction to Aerospace Engineering II; Grade Method: REG/P-F/AUD; 2 credits
0101 Meets 01/23/89 - 03/30/89 Yanta, W
MWF.....4:00pm- 4:50pm (EGR 3140)
0201 Meets 01/23/89 - 03/30/89 Winblade, R
MWF.....4:00pm- 4:50pm (EGR 0110)

ENAE305 Aerospace Laboratory I; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....1:00pm- 1:50pm (EGR 3140) Winkelmann, A
M.....2:00pm- 5:00pm (EGL 0121) LAB
0102 MW.....1:00pm- 1:50pm (EGR 3140) Winkelmann, A
Tu.....2:00pm- 5:00pm (EGL 0121) LAB
0103 MW.....1:00pm- 1:50pm (EGR 3140) Winkelmann, A
W.....2:00pm- 5:00pm (EGL 0121) LAB
0104 MW.....1:00pm- 1:50pm (EGR 3140) Winkelmann, A
Th.....2:00pm- 5:00pm (EGL 0121) LAB
0105 MW.....1:00pm- 1:50pm (EGR 3140) Winkelmann, A
F.....2:00pm- 5:00pm (EGL 0121) LAB

ENAE345 Flight Dynamics; Grade Method: REG/P-F/AUD; 3 credits
0201 TuTh.....8:00am- 9:15am (EGR 3140) Regan, F

ENAE355 Aircraft Vibrations; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (EGR 3140) STAFF

ENAE371 Aerodynamics I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (EGR 1202) Melnik, W

ENAE398 (PermReq) Honors Research Project; Grade Method: REG/P-F; 3 credits
0101 Time and room to be arranged Barlow, J

ENAE402 Aerospace Laboratory III; Grade Method: REG/P-F/AUD; 1 credit
0101 Tu.....1:00pm- 1:50pm (EGR 1202) Winkelmann, A
M.....2:00pm- 5:00pm (EGL 0121) LAB
0102 Tu.....1:00pm- 1:50pm (EGR 1202) Winkelmann, A
Tu.....2:00pm- 5:00pm (EGL 0121) LAB
0103 Tu.....1:00pm- 1:50pm (EGR 1202) Winkelmann, A
W.....2:00pm- 5:00pm (EGL 0121) LAB
0104 Tu.....1:00pm- 1:50pm (EGR 1202) Winkelmann, A
Th.....2:00pm- 5:00pm (EGL 0121) LAB
0105 Tu.....1:00pm- 1:50pm (EGR 1202) Winkelmann, A
F.....2:00pm- 5:00pm (EGL 0121) LAB

ENAE411 Aircraft Design; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....11:00am- 1:40pm (CHM 2201) Weissman, C

ENAE412 Design of Aerospace Vehicles; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....6:30pm- 9:10pm (EGR 0135) Agrawal, B

ENAE415 Computer-Aided Structural Design Analysis; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....4:30pm- 7:00pm (EGR 1120) Chander, S

ENAE451 Flight Structures I: Introduction to Solid Mechanics; Grade Method: REG/P-F/AUD; 4 credits
0101 MWF.....11:00am-11:50am (EGR 3140) Donaldson, B
M.....2:00pm- 5:00pm (CHM 0115) LAB

ENAE452 Flight Structures II: Structural Elements; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (EGR 1202) Donaldson, B

ENAE461 Flight Propulsion I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (ARM 0112) Lewis, M

ENAE462 Flight Propulsion II; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 1120) STAFF

ENAE471 Aerodynamics II; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (EGR 3140) Anderson, J

ENAE473 Aerodynamics of High-Speed Flight; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (EGR 3111) Melnik, W

ENAE475 Viscous Flow and Aerodynamic Heating; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (JMP 3201) Melnik, W

ENAE488J Topics in Aerospace Engineering: Helicopter Theory I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (EGR 1106) Gessow, A

ENAE488W Topics in Aerospace Engineering: Introduction to the Design of Remotely Piloted Vehicles; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....11:00am-11:50am (EGR 1102) Winkelmann, A
Time and room to be arranged DIS

ENAE499 (PermReq) Elective Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ENAE632 Helicopter Aerodynamics II; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 1124) Leishman, G

ENAE633 Helicopter Dynamics; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (EGR 2154) Chopra, I

ENAE634 Helicopter Design; Grade Method: REG/AUD; 3 credits
0101 F.....10:00am-12:30pm (EGR 3102) Stanzione, K

ENAE635 Helicopter Stability and Control; Grade Method: REG/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (EGR 1104) Celi, R

ENAE641 Flight Mechanics II; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 1124) Barlow, J

ENAE652 Finite Element Method in Engineering; Grade Method: REG/AUD; 3 credits
0101 MW.....9:00am-10:15am (EGR 1126) Lee, S

ENAE657 Theory of Structural Stability; Grade Method: REG/AUD; 3 credits
0101 MW.....11:00am-12:15pm (EGR 1124) STAFF

ENAE672 Aerodynamics of Incompressible Fluids II; Grade Method: REG/AUD; 3 credits
0101 TuTh.....4:00pm- 5:15pm (EGR 2102) Chien, K

ENAE674 Aerodynamics of Compressible Fluids II; Grade Method: REG/AUD; 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 1124) Vamos, J

ENAE676 Aerodynamics of Viscous Fluids II; Grade Method: REG/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (EGR 0102) Jones, E

ENAE688 Seminar: Milestones and Challenges in Aeronautics; Grade Method: REG/AUD; 1 credit
0101 Tu.....2:00pm- 3:15pm (CHM 0127) Melnik, W

ENAE788D Selected Topics in Aerospace Engineering: Hypersonic Aerodynamics II; Grade Method: REG/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (ITV 1111) Anderson, J

ENAE788F Selected Topics in Aerospace Engineering: Computational Fluid Dynamics II; Grade Method: REG/AUD; 3 credits
0101 M.....5:00pm- 7:50pm (EGR 1124) Lekoudis, S

ENAE788T Selected Topics in Aerospace Engineering: Advanced Topics in Composite Structures; Grade Method: REG/AUD; 3 credits
0101 MW.....11:00am-12:15pm (EGR 3102) Vizzini, T

ENAE799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENAE899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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ENAG Engineering Agricultural (Agriculture)

ENAG315 Energy: Its Effects On Agriculture and Food; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....9:00am- 9:50am (HJP 0226) Yeck, R

ENAG424 Functional and Environmental Design of Agricultural Structures; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....1:00pm- 1:50pm (SHR 1105) Yeck, R
F.....1:00pm- 3:00pm (SHR 1105) LAB

ENAG435 (PermReq) Aquacultural Engineering; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (SHR 0106) Wheaton, F

ENAG444 Functional Design of Machinery and Equipment; Grade Method: REG/P-F/AUD; 3 credits
0101 WF.....11:00am-11:50am (SHR 1105) Harris, W
W.....2:00pm- 4:00pm (SHR 1105) LAB

ENAG454 Biological Process Engineering; Grade Method: REG/P-F/AUD; 4 credits
0101 TuTh.....2:00pm- 3:15pm (SHR 1105) Johnson, A
Th.....3:30pm- 4:20pm (SHR 1105) LAB

ENAG489 (PermReq) Special Problems in Agricultural Engineering; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ENAG499 (PermReq) Special Problems in Agricultural Engineering Technology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ENAG631 Land and Water Resource Development Engineering; Grade Method: REG/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (SHR 0106) Shirmohammadi,

ENAG688 (PermReq) Advanced Topics in Agricultural Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

ENAG688D Advanced Topics in Agricultural Engineering: Aquatic Systems Design: 1 credit

Containment Structures; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

ENAG688N Advanced Topics in Agricultural Engineering: Creative Approaches to Problem Solving; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1 credit

ENAG688T (PermReq) Advanced Topics in Agricultural Engineering: Technique for Teaching Agricultural Engineering; Grade Method: REG/AUD; 1 credit
0101 TBA (SHR 1112) Johnson, A

ENAG698 Seminar; Grade Method: REG/AUD; 1 credit
0101 M.....4:00pm- 4:50pm (SHR 0106) Stewart, L

ENAG699 (PermReq) Special Problems in Agricultural and Aquacultural Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENAG799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENAG899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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ENCE Engineering, Civil (Engineering)

ENCE221 (PermReq) Introduction to Environmental Engineering; Grade Method: REG/P-F/AUD; Prerequisite: one semester of chemistry and physics. 3 credits
0201 TuTh.....12:30pm- 1:45pm (EGR 0110) STAFF

ENCE280 (PermReq) Engineering Survey Measurements; Grade Method: REG/P-F/AUD; Prerequisite: MATH 141 or concurrent registration. 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 2154) STAFF
Tu.....2:00pm- 5:00pm (EGR 0102) LAB
0102 TuTh.....11:00am-12:15pm (EGR 2154) STAFF
Th.....2:00pm- 5:00pm (EGR 0102) LAB

ENCE300 (PermReq) Fundamentals of Engineering Materials; Grade Method: REG/P-F/AUD; Prerequisite: ENES 220 or concurrent registration. 3 credits
0101 MW.....1:00pm- 1:50pm (EGR 0110) STAFF
Th.....2:00pm- 5:00pm (EGL 0106A) LAB
0102 MW.....1:00pm- 1:50pm (EGR 0110) STAFF
W.....2:00pm- 5:00pm (EGL 0106A) LAB
0103 MW.....1:00pm- 1:50pm (EGR 0110) STAFF
Tu.....2:00pm- 5:00pm (EGL 0106A) LAB

ENCE330 (PermReq) Basic Fluid Mechanics; Grade Method: REG/P-F/AUD; Prerequisites: ENES 220, ENES 221, PHYS 262. 3 credits
0101 MWF.....10:00am-10:50am (EGR 1108) STAFF
0201 MWF.....10:00am-10:50am (EGR 1106) STAFF

ENCE340 (PermReq) Fundamentals of Soil Mechanics; Grade Method: REG/P-F/AUD; Prerequisite: ENES 220. 3 credits
0101 MWF.....9:00am- 9:50am (EGR 1108) STAFF

ENCE350 (PermReq) Structural Analysis and Design I; Grade Method: REG/P-F/AUD; Prerequisites: ENES 220, concurrent registration in ENCE 300. 3 credits
0101 TuTh.....9:30am-10:45am (EGR 1108) STAFF

ENCE351 (PermReq) Structural Analysis and Design II; Grade Method: REG/P-F/AUD; Prerequisites: ENCE 300, ENCE 350. 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 1108) STAFF
0201 TuTh.....11:00am-12:15pm (EGR 3106) STAFF

ENCE360 (PermReq) Engineering Analysis and Computer Programming; Grade Method: REG/P-F/AUD; Prerequisite: MATH 241. 4 credits

0101 TuTh.....8:00am- 9:15am (CHE 2110) STAFF
M.....2:00pm- 5:00pm (EGR 1108) LAB
0102 TuTh.....8:00am- 9:15am (CHE 2110) STAFF
Tu.....2:00pm- 5:00pm (EGR 1108) LAB

ENCE370 Fundamentals of Transportation Engineering; Grade Method: REG/P-F/AUD; Prerequisite: ENCE 280. 3 credits
(PermReq)
0201 MWF.....11:00am-11:50am (EGR 0110) STAFF

ENCE420 Construction Equipment and Methods; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 TuTh.....3:30pm- 4:45pm (EGR 1126) STAFF

ENCE421 Construction Engineering and Management; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MWF.....10:00am-10:50am (EGR 2112) STAFF

ENCE430 Hydraulic Engineering and Open Channel Flow; Grade Method: REG/AUD; 4 credits
(PermReq)
0101 MWF.....11:00am-11:50am (EGR 1120) Sternberg, Y
Th.....2:00pm- 5:00pm (EGR 1106) LAB

ENCE431 Surface Water Hydrology; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MWF.....9:00am- 9:50am (EGR 1106) McCuen, R

ENCE441 Soil-Foundation Systems; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 TuTh.....12:30pm- 1:45pm (EGR 1108) Aggour, M

ENCE442 Highway and Airfield Pavement Design; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 TuTh.....11:00am-12:15pm (EGR 1120) Witczak, M

ENCE450 Design of Steel Structures; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 TuTh.....9:30am-10:45am (EGR 1106) Vannoy, D

ENCE451 Design of Concrete Structures; Grade Method: REG/P-F/AUD; 4 credits
(PermReq)
0101 MWF.....11:00am-11:50am (EGR 1106) Ayyub, B
Tu.....2:00pm- 5:00pm (EGR 1106) LAB

ENCE460 Modern Techniques For Structural Analysis; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MW.....9:00am- 9:50am (EGR 1120) Chang, P
M.....2:00pm- 4:30pm (EGR 0108) LAB

ENCE461 Analysis of Civil Engineering Systems I; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MWF.....2:00pm- 2:50pm (EGR 1110) Perl, J

ENCE463 Engineering Economics and System Analysis; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MWF.....8:00am- 8:50am (EGR 1120) STAFF

ENCE473 Air and Water Transportation Engineering; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MWF.....1:00pm- 1:50pm (EGR 1108) Carter, E

ENCE474 Railroad Mass Transportation Engineering; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 TuTh.....2:00pm- 3:15pm (EGR 0108) Schonfeld, P

ENCE489 Special Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits
(PermReq)

ENCE489W Special Problems: Water Supply and Treatment; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 TuTh.....12:30pm- 1:45pm (EGR 1120) Walters, R

ENCE633 The Chemistry of Natural Waters; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 2154) Birkner, F

ENCE641 Advanced Foundations; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 TuTh.....9:30am-10:45am (EGR 0104) Aggour, M

ENCE655 Plastic Analysis and Design of Structures; Grade Method: REG/AUD; 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 1110) Schelling, D

ENCE665 Project Planning and Resource Allocation; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 MW.....3:00pm- 4:45pm (EGR 1102) Pilcher, R

ENCE667 Construction Operations and Improvement; Grade Method: REG/AUD; 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 0102) STAFF

ENCE671 Highway Traffic Operations; Grade Method: REG/AUD; 3 credits
0101 MW.....6:30pm- 7:45pm (EGR 1106) Carter, E

ENCE675 Airport Planning and Design; Grade Method: REG/AUD; 3 credits
0101 Tu.....5:00pm- 7:45pm (EGR 3102) Schonfeld, P

ENCE677 Quantitative Methods in Transportation Engineering; Grade Method: REG/AUD; 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 0102) Perl, J

ENCE688 Advanced Topics in Civil Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ENCE688A Advanced Topics in Civil Engineering: Design for Dynamic Loads; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 3114) Austin, M

ENCE688B Advanced Topics in Civil Engineering: Advanced Soil Mechanics II; Grade Method: REG/AUD; 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 3102) Schwartz, C

ENCE688E Advanced Topics in Civil Engineering: Theory of Shells; Grade Method: REG/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (EGR 3102) Chang, P

ENCE688J Advanced Topics in Civil Engineering: Quantitative Methods in Construction Management; Grade Method: REG/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 3110) Bernold, L

ENCE688M Advanced Topics in Civil Engineering: Masonry Structures; Grade Method: REG/AUD; 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 0104) Wolde-Tinsae, A

ENCE688S Advanced Topics in Civil Engineering: Cost Engineering and Control; Grade Method: REG/AUD; 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 0104) STAFF

ENCE688Y Advanced Topics in Civil Engineering: Environmental Engineering Lab Studies; Grade Method: REG/AUD; 3 credits
0101 M.....2:00pm- 6:00pm (EGR 2102) LAB Hao, O

ENCE688Z Advanced Topics in Civil Engineering: Advanced Travel Demand Forecasting; Grade Method: REG/AUD; 3 credits
0101 Th.....5:00pm- 7:45pm (EGR 1110) STAFF

ENCE689 Seminar; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

ENCE730 Environmental and Water Resource Systems II; Grade Method: REG/AUD; 3 credits
0101 MWF.....8:00am- 8:50am (EGR 1124) McCuen, R

ENCE732 Advanced Hydrologic Analysis; Grade Method: REG/AUD; 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 1110) Ragan, R

ENCE736 Theory of Aqueous and Solid Waste Treatment and Disposal; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 1106) Hao, O

ENCE750 Analysis and Design of Structural Systems; Grade Method: REG/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 0104) Vannoy, D

ENCE753 Reinforced Concrete Structures; Grade Method: REG/AUD; 3 credits
0101 MW.....8:00am- 9:15am (EGR 0104) Ayyub, B

ENCE799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENCE899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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ENCH Engineering, Chemical (Engineering)

ENCH280 Transport Processes I: Fluid Mechanics; Grade Method: REG/P-F/AUD; 2 credits
(PermReq)
0101 MWF.....9:00am- 9:50am (CHE 2110) Regan, T
0102 Time and room to be arranged Regan, T

ENCH333 Chemical Engineering Seminar; Grade Method: REG/P-F/AUD; 1 credit
(PermReq)
0101 W.....10:00am-10:50am (CHE 2136) Gasner, L
0201 Time and room to be arranged Gasner, L

ENCH427 Transport Processes III: Mass Transfer; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MWF.....10:00am-10:50am (CHE 2108) Asbjornsen, O

ENCH440 Chemical Engineering Kinetics; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MWF.....11:00am-11:50am (CHE 2108) Regan, T

ENCH442 Chemical Engineering Systems Analysis; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 TuTh.....11:00am-12:15pm (CHE 2140) McAvoy, T
Th.....1:00pm- 4:00pm (CHE 2145) LAB
0102 TuTh.....11:00am-12:15pm (CHE 2140) McAvoy, T
Tu.....1:00pm- 4:00pm (CHE 2116) LAB
0103 TuTh.....11:00am-12:15pm (CHE 2140) McAvoy, T
TBA (CHE 1203) LAB

ENCH446 Process Engineering Economics and Design II; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MWF.....1:00pm- 1:50pm (CHE 2136) Gasner, L
0201 MWF.....2:00pm- 2:50pm (CHE 2136) Gasner, L

ENCH453 Applied Mathematics in Chemical Engineering; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MWF.....9:00am- 9:50am (CHE 2145) Gentry, J

ENCH454 Chemical Process Analysis and Optimization; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 MWF.....2:00pm- 2:50pm (CHE 2108) Zafiriou, E

ENCH468 Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits
(PermReq)

ENCH485 Biochemical Engineering Laboratory; Grade Method: REG/P-F/AUD; 2 credits
(PermReq)
0101 MWF.....3:00pm- 3:50pm (CHE 2145) Wang, N
0102 Time and room to be arranged Wang, N

ENCH494 Polymer Technology Laboratory; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 TuTh.....1:00pm- 5:00pm (CHE 1138) LAB Smith, T

ENCH496 Processing of Polymer Materials; Grade Method: REG/P-F/AUD; 3 credits
(PermReq)
0101 TuTh.....9:30am-10:45am (CHE 2145) Calabrese, R

ENCH609 Graduate Seminar; Grade Method: REG/AUD; Advanced special students require department permission. 1 credit
(PermReq)
0101 F.....1:00pm- 2:50pm (CHE 2117) Gentry, J

ENCH610 Chemical Engineering Thermodynamics; Grade Method: REG/AUD; Advanced special students require department authorization. 3 credits
(PermReq)
0101 MW.....3:30pm- 5:00pm (CHE 2120) Sengers, J

ENCH640 Advanced Chemical Reaction Kinetics; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 MW.....5:00pm- 6:30pm (CHE 2136) Choi, K

ENCH648 Special Problems in Chemical Engineering; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits
(PermReq)

ENCH655 Radiation Engineering; Grade Method: REG; 3 credits
0101 Tu.....6:45pm- 9:30pm (CHE 2140) Silverman, J

ENCH720 Process Analysis and Simulation; Grade Method: REG/AUD; 3 credits
(PermReq)
0101 TuTh.....11:00am-12:15pm (CHE 2118) STAFF

ENCH761 Enzyme Engineering; Grade Method: REG; 3 credits
(PermReq)
0101 MW.....2:00pm- 3:15pm (CHE 2120) STAFF

ENCH799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits
(PermReq)

ENCH899 Doctoral Dissertation Research: Chemical Engineering; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits
(PermReq)

ENCO Engineering, Cooperative Education (Engineering)

ENCO098 Co-Op Work Experience; Grade Method: S-F; No credit
(PermReq)
0101 Time and room to be arranged Sauber, H

ENCO099 Co-Op Work Experience; Grade Method: S-F; No credit
(PermReq)
0101 Time and room to be arranged Sauber, H

ENEE Engineering, Electrical (Engineering)

ENEE204 Systems and Circuits I; Grade Method: REG; 3 credits
(PermReq) Prerequisite: MATH 141. Engineering College (04) only.
0101 TuTh.....9:30am-10:45am (ARM 0135) STAFF
M.....1:00pm- 1:50pm (EGR 1120) LAB
0102 TuTh.....9:30am-10:45am (ARM 0135) STAFF
Tu.....8:00am- 8:50am (EGR 3110) LAB
0103 TuTh.....9:30am-10:45am (ARM 0135) STAFF
Tu.....12:00pm-12:50pm (EGR 3110) LAB
0105 TuTh.....9:30am-10:45am (ARM 0135) STAFF
W.....12:00pm-12:50pm (EGR 1120) LAB
0106 TuTh.....9:30am-10:45am (ARM 0135) STAFF
W.....2:00pm- 2:50pm (EGR 0108) LAB
0107 TuTh.....9:30am-10:45am (ARM 0135) STAFF
Th.....8:00am- 8:50am (EGR 3108) LAB

ENEE250 Computer Structures; Grade Method: REG; 3 credits
(PermReq) Prerequisite: ENES 240. Engineering College (04) only.
0101 TuTh.....12:30pm- 1:45pm (ARM 0126) STAFF
M.....8:00am- 8:50am (CHE 2145) LAB
0102 TuTh.....12:30pm- 1:45pm (ARM 0126) STAFF
M.....12:00pm-12:50pm (EGR 1120) LAB
0103 TuTh.....12:30pm- 1:45pm (ARM 0126) STAFF
M.....2:00pm- 2:50pm (EGR 1106) LAB
0104 TuTh.....12:30pm- 1:45pm (ARM 0126) STAFF
Tu.....9:00am- 9:50am (EGR 3110) LAB
0105 TuTh.....12:30pm- 1:45pm (ARM 0126) STAFF
Tu.....2:00pm- 2:50pm (EGR 1120) LAB
0106 TuTh.....12:30pm- 1:45pm (ARM 0126) STAFF
Th.....2:00pm- 2:50pm (EGR 1120) LAB
0107 TuTh.....12:30pm- 1:45pm (ARM 0126) STAFF
F.....9:00am- 9:50am (CHE 2118) LAB
0108 TuTh.....12:30pm- 1:45pm (ARM 0126) STAFF
Th.....9:00am- 9:50am (JMP 3201) LAB

ENEE300 Principles of Electrical Engineering; Grade Method: REG; Prerequisites: MATH 241 and PHYS 263. Engineering College only. (04). 3 credits
(PermReq)
0101 TuTh.....8:00am- 9:15am (ARM 0126) STAFF
Tu.....1:00pm- 1:50pm (EGR 3102) LAB
0102 TuTh.....8:00am- 9:15am (ARM 0126) STAFF
Th.....1:00pm- 1:50pm (EGR 3114) LAB
0105 TuTh.....8:00am- 9:15am (ARM 0126) STAFF
F.....8:00am- 8:50am (CHE 2118) LAB
0106 TuTh.....8:00am- 9:15am (ARM 0126) STAFF
W.....8:00am- 8:50am (CHE 2116) LAB
0107 TuTh.....8:00am- 9:15am (ARM 0126) STAFF
F.....9:00am- 9:50am (EGR 1120) LAB
0108 TuTh.....8:00am- 9:15am (ARM 0126) STAFF
W.....9:00am- 9:50am (CHE 2118) LAB
0109 TuTh.....8:00am- 9:15am (ARM 0126) STAFF
F.....2:00pm- 2:50pm (EGR 3114) LAB
0110 TuTh.....8:00am- 9:15am (ARM 0126) STAFF
W.....2:00pm- 2:50pm (EGR 1106) LAB

ENEE301 Electrical Engineering Laboratory; Grade Method: REG; Corequisite: ENEE 300. Engineering College (04) only. 1 credit
(PermReq)
0101 F.....8:00am- 8:50am (CHE 2110) STAFF
Tu.....1:00pm- 3:00pm (EGL 0122) LAB
0102 F.....8:00am- 8:50am (CHE 2110) STAFF
W.....1:00pm- 3:00pm (EGL 0122) LAB
0103 F.....8:00am- 8:50am (CHE 2110) STAFF
Th.....1:00pm- 3:00pm (EGL 0122) LAB
0104 F.....8:00am- 8:50am (CHE 2110) STAFF
F.....1:00pm- 3:00pm (EGL 0122) LAB
0105 F.....8:00am- 8:50am (CHE 2110) STAFF
Tu.....10:00am-12:00pm (EGL 0122) LAB
0106 F.....8:00am- 8:50am (CHE 2110) STAFF
Th.....10:00am-12:00pm (EGL 0122) LAB

ENEE304 Systems and Circuits II; Grade Method: REG; Prerequisite: ENEE 204; corequisite: MATH 246. ENEE majors(09090) only. 3 credits
(PermReq)
0101 MWF.....8:00am- 8:50am (EGR 3140) STAFF
0201 TuTh.....11:00am-12:15pm (EGR 3140) STAFF
0301 MWF.....2:00pm- 2:50pm (EGR 3140) STAFF

ENEE305 Fundamental Laboratory; Grade Method: REG; Prerequisite: ENEE 204 and corequisite: ENEE 304. ENEE majors(09090) only. 2 credits
(PermReq)
0101 F.....12:00pm-12:50pm (EGR 1202) STAFF
M.....12:30pm- 3:30pm (EGL 0132) LAB
0102 F.....12:00pm-12:50pm (EGR 1202) STAFF
Tu.....8:00am-11:00am (EGL 0132) LAB
0103 F.....12:00pm-12:50pm (EGR 1202) STAFF
Tu.....12:00pm- 3:00pm (EGL 0132) LAB
0104 F.....12:00pm-12:50pm (EGR 1202) STAFF
Th.....8:00am-11:00am (EGL 0132) LAB
0106 F.....12:00pm-12:50pm (EGR 1202) STAFF
W.....12:30pm- 3:30pm (EGL 0132) LAB
0107 F.....12:00pm-12:50pm (EGR 1202) STAFF
F.....1:00pm- 4:00pm (EGL 0132) LAB
0108 F.....12:00pm-12:50pm (EGR 1202) STAFF
F.....8:00am-11:00am (EGL 0132) LAB
0109 F.....12:00pm-12:50pm (EGR 1202) STAFF
Th.....3:30pm- 6:30pm (EGL 0132) LAB

ENEE314 Electronic Circuits; Grade Method: REG/P-F/AUD; Prerequisite: ENEE 304. ENEE majors (09090) only. 3 credits
(PermReq)
0101 MWF.....9:00am- 9:50am (EGR 3140) STAFF
0201 TuTh.....12:30pm- 1:45pm (EGR 3140) STAFF
0301 MWF.....1:00pm- 1:50pm (EGR 2107) STAFF

ENEE322 Signal and System Theory; Grade Method: REG; Prerequisites: ENEE 204 and MATH 246. ENEE majors (09090) only. 3 credits
(PermReq)
0101 MWF.....12:00pm-12:50pm (CHE 2108) STAFF
0201 MWF.....1:00pm- 1:50pm (EGR 1202) STAFF
0301 TuTh.....2:00pm- 3:15pm (CHM 1402) STAFF

ENEE324 Engineering Probability; Grade Method: REG; Prerequisite: ENEE 322. ENEE majors (09090) only. 3 credits
(PermReq)
0101 MWF.....11:00am-11:50am (EGR 2107) STAFF
0201 TuTh.....2:00pm- 3:15pm (CHM 0128) STAFF
0301 MWF.....10:00am-10:50am (CHE 2110) STAFF

ENEE380 Electromagnetic Theory; Grade Method: REG; Prerequisites: MATH 241 and PHYS 263. ENEE majors (09090). 3 credits
(PermReq)
0101 MWF.....10:00am-10:50am (CHM 0127) STAFF
0201 TuTh.....12:30pm- 1:45pm (CHM 1402) STAFF
0301 MWF.....11:00am-11:50am (CHM 0128) STAFF

ENEE381 Electromagnetic Wave Propagation; Grade Method: REG; Prerequisite: ENEE 380. ENEE majors (09090) only. 3 credits
(PermReq)
0101 MWF.....8:00am- 8:50am (CHM 0119) STAFF
0201 TuTh.....11:00am-12:15pm (CHM 0115) STAFF
0301 MWF.....2:00pm- 2:50pm (CHM 1402) STAFF

ENEE412 Advanced Electronics; Grade Method: REG; Prerequisite: ENEE 314. ENEE majors (09090) only. 3 credits
(PermReq)
0101 MW.....12:30pm- 1:45pm (ITV 1111) STAFF

ENEE413 Electronics Laboratory; Grade Method: REG; Prerequisite: ENEE 305 and ENEE 314. ENEE majors (09090) only. 2 credits
(PermReq)
0101 W.....12:00pm-12:50pm (EGR 1202) STAFF
M.....3:30pm- 6:30pm (EGL 0122A) LAB
0102 W.....12:00pm-12:50pm (EGR 1202) STAFF
Tu.....12:30pm- 3:30pm (EGL 0122A) LAB
0103 W.....12:00pm-12:50pm (EGR 1202) STAFF
Th.....9:00am-12:00pm (EGL 0122A) LAB
0104 W.....12:00pm-12:50pm (EGR 1202) STAFF
Th.....12:30pm- 3:30pm (EGL 0122A) LAB
0105 W.....12:00pm-12:50pm (EGR 1202) STAFF
F.....1:00pm- 4:00pm (EGL 0122A) LAB
0106 W.....12:00pm-12:50pm (EGR 1202) STAFF
W.....1:00pm- 4:00pm (EGL 0122A) LAB
0107 W.....12:00pm-12:50pm (EGR 1202) STAFF
M.....12:00pm- 3:00pm (EGL 0122A) LAB

ENEE418 Projects in Electrical Engineering: General Electrical Engineering Projects; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. ENEE majors (09090) only. 1-3 credits
(PermReq)

ENEE418L Projects in Electrical Engineering: Electrical Machinery Laboratory; Grade Method: REG; Prerequisite: ENEE 304 and ENEE 305. ENEE majors (09090) only. 2 credits
(PermReq)
0101 W.....1:00pm- 1:50pm (EGR 3111) STAFF
W.....3:30pm- 6:30pm (EGL 0132) LAB

ENEE420 Communication Systems; Grade Method: REG; Prerequisite: ENEE 324. ENEE majors (09090) only. 3 credits
(PermReq)
0101 MW.....12:30pm- 1:45pm (EGR 3106) STAFF
0201 MW.....5:00pm- 6:15pm (EGR 2154) STAFF
0301 MW.....5:00pm- 6:15pm (EGR 3106) STAFF

ENEE425 Digital Signal Processing; Grade Method: REG; Prerequisite: ENEE 322. ENEE majors (09090) only. 3 credits
(PermReq)
0101 MW.....6:00pm- 7:15pm (EGR 1104) STAFF
0201 MW.....3:30pm- 4:45pm (EGR 1106) STAFF
0301 MW.....5:00pm- 6:15pm (EGR 0110) STAFF

ENEE426 Communication Networks; Grade Method: REG; Prerequisite: ENEE 324; ENEE majors (09090) only. 3 credits
(PermReq)
0101 MW.....10:00am-11:15am (CHM 0115) STAFF

ENEE434 Introduction to Neural Networks and Signals; Grade Method: REG; Prerequisite: ENEE 204 or ENEE 300. ENEE majors (09090) only. 3 credits
(PermReq)
0101 TuTh.....5:00pm- 6:15pm (EGR 3106) STAFF

ENEE440 Microprocessors; Grade Method: REG; Prerequisite: ENEE 250. ENEE majors (09090) only. 3 credits
(PermReq)
0101 TuTh.....12:30pm- 1:45pm (EGR 1126) STAFF
0201 TuTh.....8:00am- 9:15am (EGR 3106) STAFF
0301 TuTh.....9:30am-10:45am (EGR 1126) STAFF

ENEE444 Logic Design of Digital Systems; Grade Method: REG; Prerequisite: ENEE 250. ENEE majors (09090) only. 3 credits
(PermReq)
0101 MW.....5:00pm- 6:15pm (EGR 3140) STAFF
0201 TuTh.....12:30pm- 1:45pm (EGR 3106) STAFF
0401 MW.....5:30pm- 6:45pm (CHM 0127) STAFF

ENEE445 Computer Laboratory; Grade Method: REG; Prerequisites: ENEE 444 and ENEE 305. ENEE majors (09090) only. 2 credits
(PermReq)
0101 Tu.....10:00am-10:50am (EGR 3110) STAFF
Tu.....12:30pm- 3:30pm (EGL 0130) LAB
0102 Tu.....10:00am-10:50am (EGR 3110) STAFF
Th.....9:00am-12:00pm (EGL 0130) LAB
0103 Tu.....10:00am-10:50am (EGR 3110) STAFF
Th.....12:30pm- 3:30pm (EGL 0130) LAB

ENEE446 Digital Computer Design; Grade Method: REG; Prerequisite: ENEE 250. ENEE majors (09090) only. 3 credits
(PermReq)
0101 TuTh.....5:00pm- 6:15pm (ITV 1100) STAFF
0201 TuTh.....5:00pm- 6:15pm (PHY 4220) STAFF
0301 MW.....5:00pm- 6:15pm (EGR 1108) STAFF

ENEE460 Control Systems; Grade Method: REG; Prerequisite: ENEE 322; ENEE majors (09090) only. 3 credits
(PermReq)
0101 MW.....2:00pm- 3:15pm (EGR 1126) STAFF

ENEE462 Systems, Control and Computation; Grade Method: REG; Prerequisites: ENEE 304 and MATH 246. ENEE majors (09090) only. 3 credits
(PermReq)
0101 MW.....3:30pm- 4:45pm (EGR 3106) STAFF

ENEE480 Fundamentals of Solid State Electronics; Grade Method: REG; Prerequisite: ENEE 381. ENEE majors (09090) only. 3 credits
(PermReq)
0101 TuTh.....9:30am-10:45am (CHM 0119) STAFF

ENEE481 Antennas; Grade Method: REG; Prerequisite: 3 credits
(PermReq) ENEE 381. ENEE majors (09090) only.
0101 TuTh.....9:30am-10:45am (CHM 0124) STAFF

ENEE488D Topics in Electrical Engineering: Power 3 credits
(PermReq) Systems; Grade Method: REG; Prerequisites: ENEE 304 or ENEE 322. ENEE majors (09090) only.
0101 TuTh.....2:00pm- 3:15pm (EGR 3106) STAFF

ENEE488F Topics in Electrical Engineering: 3 credits
(PermReq) Stability of Power Systems; Grade Method: REG; Prerequisite: ENEE 322. ENEE majors (09090) only.
0101 TuTh.....3:30pm- 4:45pm (EGR 0108) STAFF

ENEE488G Topics in Electrical Engineering: 3 credits
(PermReq) Fundamentals in Microwave Devices; Grade Method: REG; Prerequisite: ENEE 381; ENEE majors (09090) only.
0101 MW.....2:00pm- 3:15pm (EGR 3110) STAFF

ENEE488M Topics in Electrical Engineering: Random 3 credits
(PermReq) Processes in Communications and Control; Grade Method: REG; Prerequisite: ENEE 324. ENEE majors only (09090).
0101 TuTh.....6:30pm- 7:45pm (EGR 3140) STAFF

ENEE496 Lasers and Electro-optic Devices; Grade 3 credits
(PermReq) Method: REG; Corequisite: ENEE 381. ENEE majors (09090) only.
0101 MW.....2:00pm- 3:15pm (EGR 1104) STAFF

ENEE608A Graduate Seminar: Communications and 1-3 credits
Control; Grade Method: REG/AUD;
0101 W.....1:30pm- 3:00pm (EGR 1102) STAFF

ENEE608B Graduate Seminar: Computers; Grade Method: 1-3 credits
REG/AUD;
0101 F.....5:00pm- 6:30pm (EGR 3108) STAFF
Time and room to be arranged DIS

ENEE608C Graduate Seminar: Seminar Controls; Grade 1-3 credits
Method: REG/AUD;
0101 Th.....3:30pm- 4:45pm (EGR 1102) STAFF
Time and room to be arranged DIS

ENEE608D Graduate Seminar: Electrophysics; Grade 1-3 credits
Method: REG/AUD;
0101 F.....4:00pm- 5:30pm (EGR 3110) STAFF

ENEE608E Graduate Seminar: Micro-Electronics 1-3 credits
Seminar; Grade Method: REG/AUD;
0101 F.....3:00pm- 4:00pm (EGR 3106) STAFF

ENEE609A Projects in Electrical Engineering; Grade 1-3 credits
(PermReq) Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

ENEE609B Projects in Electrical Engineering; Grade 1-3 credits
(PermReq) Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

ENEE620 Random Processes in Communication and 3 credits
Control; Grade Method: REG/AUD;
0201 MW.....6:30pm- 7:45pm (EGR 2107) STAFF

ENEE621 Estimation and Detection Theory; Grade 3 credits
Method: REG/AUD;
0101 MW.....3:30pm- 4:45pm (EGR 2107) STAFF

ENEE623 Digital Communications; Grade Method: 3 credits
REG/AUD;
0101 MW.....9:30am-10:45am (EGR 0104) STAFF

ENEE634 Models of Transduction and Signal 3 credits
Processing in Sensory Systems; Grade Method: REG/AUD;
0101 TuTh.....5:00pm- 6:15pm (EGR 3106) STAFF

ENEE642 Software System Implementation; Grade 3 credits
Method: REG/AUD;
0101 MW.....2:00pm- 3:15pm (ITV 1111) STAFF

ENEE646 Digital Computer Design; Grade Method: 3 credits
REG/AUD;
0101 MW.....12:30pm- 1:45pm (EGR 0104) STAFF

ENEE648C Advanced Topics in Electrical Engineering: 3 credits
VLSI Design; Grade Method: REG/AUD; Prerequisite: ENEE 646.
0101 TuTh.....2:00pm- 3:15pm (EGR 2107) STAFF

ENEE648D Advanced Topics in Electrical Engineering: 3 credits
Introduction to Applied Super Conductivity; Grade Method: REG/AUD;
0101 MW.....2:00pm- 3:15pm (EGR 3106) STAFF

ENEE648E Advanced Topics in Electrical Engineering: 3 credits
Semiconductor Material Characterization; Grade Method: REG/AUD;
0101 TuTh.....3:30pm- 4:45pm (EGR 1104) STAFF

ENEE648F Advanced Topics in Electrical Engineering: 3 credits
Computer-Aided Design for Digital Systems; Grade Method: REG/AUD;
0101 TuTh.....3:30pm- 4:45pm (EGR 0110) STAFF

ENEE648M Advanced Topics in Electrical Engineering: 3 credits
Compound Semiconductor Technology; Grade Method: REG/AUD;
0101 TuTh.....5:00pm- 6:15pm (EGR 1126) STAFF

ENEE655 Structure Theory of Machines; Grade 3 credits
Method: REG/AUD;
0101 TuTh.....12:30pm- 1:45pm (EGR 2154) STAFF

ENEE660 Modern Control System Design Method; Grade 3 credits
Method: REG/AUD;
0101 TuTh.....2:00pm- 3:15pm (EGR 3110) STAFF

ENEE663 System Theory; Grade Method: REG/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (EGR 2154) STAFF

ENEE664 Optimal Control; Grade Method: REG/AUD; 3 credits
0101 MW.....11:00am-12:15pm (EGR 3108) STAFF

ENEE681 Electromagnetic Theory II; Grade Method: 3 credits
REG/AUD;
0101 MW.....5:00pm- 6:15pm (EGR 3108) STAFF

ENEE686 Charged Particle Dynamics, Electron and 3 credits
Ion Beams; Grade Method: REG/AUD;
0101 TuTh.....2:00pm- 3:15pm (EGR 0110) STAFF

ENEE696 Integrated and Microwave Electronics; 3 credits
Grade Method: REG/AUD;
0101 TuTh.....11:00am-12:15pm (EGR 3102) STAFF

ENEE697 Semiconductor Devices and Technology; 3 credits
Grade Method: REG/AUD;
0101 MW.....5:00pm- 6:15pm (EGR 2107) STAFF

ENEE722 Error Correcting Codes; Grade Method: 3 credits
REG/AUD;
0101 MW.....2:00pm- 3:15pm (EGR 2107) STAFF

ENEE748A Topics in Computer Design: Architectures 3 credits
for Secure Systems; Grade Method: REG/AUD;
0101 TuTh.....2:00pm- 3:15pm (EGR 3102) STAFF

ENEE748B Topics in Computer Design: 3 credits
Networking-Network Security; Grade Method: REG/AUD;
0101 TuTh.....3:30pm- 4:45pm (EGR 2154) STAFF

ENEE748D Topics in Computer Design: Knowledge 3 credits
Engineering; Grade Method: REG/AUD;
0101 TuTh.....2:00pm- 3:15pm (EGR 1126) STAFF

ENEE769B Advanced Topics in Control Theory: 3 credits
Advanced Nonlinear Control Systems; Grade Method: REG/AUD;
0101 MW.....5:00pm- 6:15pm (EGR 0108) STAFF

ENEE772 Advanced Methods and Algorithms in 3 credits
Detection and Filtering; Grade Method: REG/AUD;
0101 TuTh.....3:30pm- 4:45pm (EGR 3140) STAFF

ENEE780 Microwave Engineering; Grade Method: 3 credits
REG/AUD;
0101 TuTh.....3:30pm- 4:45pm (EGR 3114) STAFF

ENEE790 Quantum Electronics I; Grade Method: 3 credits
REG/AUD;
0101 MW.....3:30pm- 4:45pm (EGR 3108) STAFF

ENEE799 Master's Thesis Research; Grade Method: 1-6 credits
(PermReq) REG; Individual Instruction course: contact department or instructor to obtain section number.

ENEE899 Doctoral Dissertation Research; Grade 1-8 credits
(PermReq) Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

ENES Engineering Science (Engineering)

ENES101 Introductory Engineering Science; Grade 3 credits
(PermReq) Method: REG/P-F/AUD; Limited to engineering students. Prerequisite: must be a student in the College of Engineering.
0101 WF.....8:00am- 8:50am (EGR 1202) STAFF
M.....8:00am-10:00am (EGR 1102) DIS
0102 WF.....8:00am- 8:50am (EGR 1202) STAFF
W.....1:00pm- 3:00pm (EGR 3108) DIS
0103 WF.....8:00am- 8:50am (EGR 1202) STAFF
Tu.....8:00am-10:00am (CHE 2140) DIS
0104 WF.....8:00am- 8:50am (EGR 1202) STAFF
Th.....1:00pm- 3:00pm (EGR 1102) DIS

ENES110 Statics; Grade Method: REG/P-F/AUD; 3 credits
(PermReq) Prerequisite: MATH 140. Limited to engineering students. Must be a student in College of Engineering.
0101 TuTh.....11:00am-11:50am (KEY 0106) STAFF
M.....12:00pm- 2:00pm (EGR 3110) DIS
0102 TuTh.....11:00am-11:50am (KEY 0106) STAFF
M.....1:00pm- 3:00pm (EGR 1102) DIS
0103 TuTh.....11:00am-11:50am (KEY 0106) STAFF
W.....12:00pm- 2:00pm (EGR 1106) DIS
0104 TuTh.....11:00am-11:50am (KEY 0106) STAFF
W.....2:00pm- 4:00pm (EGR 0104) DIS
0301 MW.....2:00pm- 2:50pm (EGR 1202) STAFF
Tu.....12:00pm- 2:00pm (CHE 2120) DIS
0302 MW.....2:00pm- 2:50pm (EGR 1202) STAFF
Tu.....2:00pm- 4:00pm (CHM 0122) DIS
0303 MW.....2:00pm- 2:50pm (EGR 1202) STAFF
Th.....12:00pm- 2:00pm (EGR 0108) DIS
0304 MW.....2:00pm- 2:50pm (EGR 1202) STAFF
Th.....2:00pm- 4:00pm (CHM 0122) DIS

ENES110H Statics; Grade Method: REG/P-F/AUD; 3 credits
(PermReq) Requires MATH SAT score of 650. Prerequisite: MATH 140 and must be a student in College of Engineering.
0101 TuTh.....9:30am-10:45am (EGR 3111) Fourney, W

ENES220 Mechanics of Materials; Grade Method: 3 credits
REG/P-F/AUD; Prerequisites: MATH 141, PHYS 161, ENES 110.
0101 MWF.....8:00am- 8:50am (EGR 1108) STAFF
0201 MWF.....9:00am- 9:50am (EGR 0110) STAFF
0301 MWF.....10:00am-10:50am (EGR 1104) STAFF
0401 MWF.....11:00am-11:50am (CHM 2201) STAFF
0501 TuTh.....8:00am- 9:15am (EGR 1108) STAFF

ENES221 Dynamics; Grade Method: REG/P-F/AUD; 3 credits
(PermReq) Prerequisite: ENES 110; pre or corequisite: MATH 241.
0101 MW.....8:00am- 8:50am (ZOP 1240) STAFF
F.....8:00am-10:00am (EGR 1102) DIS
0102 MW.....8:00am- 8:50am (ZOP 1240) STAFF
M.....1:00pm- 3:00pm (EGR 3108) DIS
0103 MW.....8:00am- 8:50am (ZOP 1240) STAFF
W.....1:00pm- 3:00pm (EGR 1120) DIS
0201 TuTh.....10:30am-10:20am (CHE 2110) STAFF
M.....1:00pm- 3:00pm (ARM 0116) DIS
0202 TuTh.....9:30am-10:20am (CHE 2110) STAFF
Tu.....1:00pm- 3:00pm (CHE 2145) DIS
0203 TuTh.....9:30am-10:20am (CHE 2110) STAFF
W.....1:00pm- 3:00pm (CHM 0122) DIS
0204 TuTh.....9:30am-10:20am (CHE 2110) STAFF
Th.....1:00pm- 3:00pm (EGR 2112) DIS

ENES230 Introduction to Materials and their 3 credits
Applications; Grade Method: REG/P-F/AUD;
0101 TuTh.....3:30pm- 4:45pm (CHE 2108) Marriott, R

ENES240 Engineering Computation; Grade Method: 3 credits
(PermReq) REG; Prerequisite: MATH 141 and ENES 101. College of Engineering 04.
0101 TuTh.....12:00pm-12:50pm (ARM 0135) STAFF
Tu.....8:00am-10:00am (CHE 2118) LAB
0102 TuTh.....12:00pm-12:50pm (ARM 0135) STAFF
Tu.....10:00am-12:00pm (EGR 1102) LAB
0103 TuTh.....12:00pm-12:50pm (ARM 0135) STAFF
Tu.....1:00pm- 3:00pm (EGR 3108) LAB
0104 TuTh.....12:00pm-12:50pm (ARM 0135) STAFF
W.....1:00pm- 3:00pm (EGR 1124) LAB
0105 TuTh.....12:00pm-12:50pm (ARM 0135) STAFF
Th.....10:00am-12:00pm (EGR 3110) LAB
0106 TuTh.....12:00pm-12:50pm (ARM 0135) STAFF
Th.....1:00pm- 3:00pm (CHM 0127) LAB
0108 TuTh.....12:00pm-12:50pm (ARM 0135) STAFF
F.....1:00pm- 3:00pm (EGR 1106) LAB

ENES386 Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
Individual Instruction course: contact department or instructor to obtain section number.

ENES387 Field Work Analysis; Grade Method: 1-3 credits
REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

ENES388 Engineering Honors Seminar; Grade Method: 1 credit
REG/P-F;
0101 W.....12:00pm-12:50pm (EGR 3111) McCuen, R

ENFP Engineering, Fire Protection (Engineering)

ENFP290 Fire Protection Fluids; Grade Method: 3 credits
REG/P-F/AUD;
0101 MW.....2:00pm- 4:00pm (EGR 0135) Mowrer, F

ENFP312 Heat Transfer Applications in Fire 3 credits
Protection; Grade Method: REG/P-F/AUD;
0101 TuTh.....1:00pm- 3:00pm (EGR 0135) Milke, J

ENFP315 Fire Protection Systems Design II; Grade 3 credits
Method: REG/P-F/AUD; Majors only.
0101 MW.....8:00am-10:00am (EGR 0135) Mowrer, F

ENFP411 Fire Protection Hazard Analysis; Grade 3 credits
Method: REG/P-F/AUD; Majors only.
0101 TuTh.....10:00am-12:00pm (EGR 0135) Milke, J

ENFP416 Problem Synthesis and Design; Grade 3 credits
Method: REG/P-F/AUD; Majors only.
0101 W.....6:30pm- 9:30pm (EGR 0110) Bryan, J

ENFP489 Special Topics: Fire Protection 3 credits
Engineering Seminar; Grade Method: REG/P-F/AUD; Majors only.
0101 Tu.....6:30pm- 9:30pm (EGR 0135) Dinenno, P

ENGL English (Arts and Humanities)

ENGL101 Introduction to Writing; Grade Method: 3 credits
REG; Students with a TSWE score of 33 or below must take ENGL 101A in place of ENGL 101. Students for whom English is a second language should consider taking ENGL 101X in place of ENGL 101.
0001 MWF.....8:00am- 8:50am (WDS 1127) STAFF
0002 MWF.....8:00am- 8:50am (TLF 1101) STAFF
0003 MWF.....8:00am- 8:50am (ARC 1127) STAFF
0004 MWF.....8:00am- 8:50am (ARM 0118) STAFF
0101 MWF.....9:00am- 9:50am (ARM 0118) STAFF
0102 MWF.....9:00am- 9:50am (ASY 3219) STAFF
0103 MWF.....9:00am- 9:50am (SYM 1308) STAFF
0104 MWF.....9:00am- 9:50am (KEY 0123) STAFF
0105 MWF.....9:00am- 9:50am (ARM 0105) STAFF
0106 MWF.....9:00am- 9:50am (ARM 0103) STAFF
0107 MWF.....9:00am- 9:50am (ARM 0102) STAFF
0108 MWF.....9:00am- 9:50am (EGR 1110) STAFF
0201 MWF.....10:00am-10:50am (EGR 1124) STAFF
0202 MWF.....10:00am-10:50am (ARM 0103) STAFF
0203 MWF.....10:00am-10:50am (EGR 0102) STAFF
0204 MWF.....10:00am-10:50am (ARM 0105) STAFF
0205 MWF.....10:00am-10:50am (ARM 0118) STAFF
0206 MWF.....10:00am-10:50am (EGR 3111) STAFF
0207 MWF.....10:00am-10:50am (ARM 0121) STAFF
0208 MWF.....10:00am-10:50am (ARM 0102) STAFF
0209 MWF.....10:00am-10:50am (EGR 1110) STAFF
0301 MWF.....11:00am-11:50am (WDS 1131) STAFF
0302 MWF.....11:00am-11:50am (ARM 0105) STAFF
0303 MWF.....11:00am-11:50am (SYM 1308) STAFF
0304 MWF.....11:00am-11:50am (ARM 0118) STAFF
0305 MWF.....11:00am-11:50am (ARM 0102) STAFF
0306 MWF.....11:00am-11:50am (ARM 0121) STAFF
0307 MWF.....11:00am-11:50am (ARM 0103) STAFF
0308 MWF.....11:00am-11:50am (EGR 1110) STAFF
0309 MWF.....11:00am-11:50am (EGR 3111) STAFF
0401 MWF.....12:00pm-12:50pm (ARM 0118) STAFF
0402 MWF.....12:00pm-12:50pm (HZF 1106) STAFF
0403 MWF.....12:00pm-12:50pm (EGR 3114) STAFF
0404 MWF.....12:00pm-12:50pm (ARM 0105) STAFF
0405 MWF.....12:00pm-12:50pm (ARM 0103) STAFF
0406 MWF.....12:00pm-12:50pm (HBK 1116) STAFF
0407 MWF.....12:00pm-12:50pm (ARM 0120) STAFF
0408 MWF.....12:00pm-12:50pm (ARM 0102) STAFF
0409 MWF.....12:00pm-12:50pm (EGR 1110) STAFF
0501 MWF.....1:00pm- 1:50pm (HBK 1108) STAFF
0502 MWF.....1:00pm- 1:50pm (ARM 0103) STAFF
0503 MWF.....1:00pm- 1:50pm (ARM 0120) STAFF
0504 MWF.....1:00pm- 1:50pm (ARM 0121) STAFF
0505 MWF.....1:00pm- 1:50pm (HBK 0117) STAFF
0506 MWF.....1:00pm- 1:50pm (ARC 1127) STAFF
0507 MWF.....1:00pm- 1:50pm (HBK 1116) STAFF
0508 MWF.....1:00pm- 1:50pm (ARM 0102) STAFF
0509 MWF.....1:00pm- 1:50pm (EGR 1110) STAFF
0601 MWF.....2:00pm- 2:50pm (HBK 1108) STAFF
0602 MWF.....2:00pm- 2:50pm (HBK 1112) STAFF
0603 MWF.....2:00pm- 2:50pm (ARM 0105) STAFF
0605 MWF.....2:00pm- 2:50pm (ARM 0120) STAFF
0606 MWF.....2:00pm- 2:50pm (ARM 0118) STAFF
0607 MWF.....2:00pm- 2:50pm (HBK 0117) STAFF
0608 MWF.....2:00pm- 2:50pm (ARM 0103) STAFF
0609 MWF.....2:00pm- 2:50pm (ARM 0102) STAFF
0701 MWF.....3:00pm- 3:50pm (HBK 1112) STAFF
0702 MWF.....3:00pm- 3:50pm (ARM 0118) STAFF
0703 MWF.....3:00pm- 3:50pm (TLF 0102) STAFF
0704 MWF.....3:00pm- 3:50pm (TLF 2101) STAFF
0705 MWF.....3:00pm- 3:50pm (KEY 0123) STAFF
0706 MWF.....3:00pm- 3:50pm (HBK 0117) STAFF
1001 TuTh.....8:00am- 9:15am (ARM 0101) STAFF
1003 TuTh.....8:00am- 9:15am (ARM 0103) STAFF
1004 TuTh.....8:00am- 9:15am (TLF 0103) STAFF
1101 TuTh.....9:30am-10:45am (ARC 1127) STAFF
1102 TuTh.....9:30am-10:45am (EGR 3114) STAFF
1103 TuTh.....9:30am-10:45am (CHE 2136) STAFF
1104 TuTh.....9:30am-10:45am (ARM 0103) STAFF
1105 TuTh.....9:30am-10:45am (ARM 0105) STAFF
1106 TuTh.....9:30am-10:45am (HBK 1116) STAFF
1107 TuTh.....9:30am-10:45am (ARM 0101) STAFF
1108 TuTh.....9:30am-10:45am (EGR 0102) STAFF
1201 TuTh.....11:00am-12:15pm (EGR 2102) STAFF
1202 TuTh.....11:00am-12:15pm (EDU 1203) STAFF
1203 TuTh.....11:00am-12:15pm (SYM 2109) STAFF
1204 TuTh.....11:00am-12:15pm (TYD 1136) STAFF
1205 TuTh.....11:00am-12:15pm (ARM 0119) STAFF
1206 TuTh.....11:00am-12:15pm (EGR 1110) STAFF
1207 TuTh.....11:00am-12:15pm (ARM 0101) STAFF
1208 TuTh.....11:00am-12:15pm (EGR 0104) STAFF
1301 TuTh.....12:30pm- 1:45pm (EGR 0104) STAFF
1302 TuTh.....12:30pm- 1:45pm (ARM 0101) STAFF
1303 TuTh.....12:30pm- 1:45pm (HBK 1112) STAFF
1304 TuTh.....12:30pm- 1:45pm (JRN 1103) STAFF
1305 TuTh.....12:30pm- 1:45pm (ARM 0121) STAFF
1306 TuTh.....12:30pm- 1:45pm (ARM 0102) STAFF
1307 TuTh.....12:30pm- 1:45pm (ARM 0118) STAFF
1308 TuTh.....12:30pm- 1:45pm (ARC 1127) STAFF
1309 TuTh.....12:30pm- 1:45pm (HBK 1108) STAFF
1401 TuTh.....2:00pm- 3:15pm (ARM 0102) STAFF
1402 TuTh.....2:00pm- 3:15pm (JMZ 1104) STAFF
1403 TuTh.....2:00pm- 3:15pm (ARM 0121) STAFF
1404 TuTh.....2:00pm- 3:15pm (JMZ 0118) STAFF
1405 TuTh.....2:00pm- 3:15pm (JMZ 3205) STAFF
1407 TuTh.....2:00pm- 3:15pm (HBK 1116) STAFF
1408 TuTh.....2:00pm- 3:15pm (ARC 1127) STAFF
1409 TuTh.....2:00pm- 3:15pm (ARM 0101) STAFF
1501 TuTh.....3:30pm- 4:45pm (JMZ 1117) STAFF
1502 TuTh.....3:30pm- 4:45pm (JMZ 0122) STAFF
1601 TuTh.....4:00pm- 5:15pm (KEY 0103) STAFF
1602 TuTh.....4:00pm- 5:15pm (TLF 1101) STAFF

ENGL101A Introduction to Writing; Grade Method: 3 credits
REG; ENGL 101A replaces the ENGL 104-105-106 sequence. Students must take ENGL 101A rather than ENGL 101 if their TSWE score (a subscore of the SAT verbal) is 33 or below. Classes are limited to 15 students.
1701 MWF.....10:00am-10:50am (JRN 1101) STAFF
1702 MWF.....12:00pm-12:50pm (JRN 1101) STAFF
1703 TuTh.....9:30am-10:45am (EGR 2102) STAFF
1704 TuTh.....11:00am-12:15pm (HBK 1108) STAFF

ENGL101H Introduction to Writing; Grade Method: 3 credits
(PermReq) REG; Limited to General Honors students and to students exempt from regular ENGL 101.
0201 TuTh.....9:30am-10:45am (WDS 1131) STAFF

ENGL101X Introduction to Writing; Grade Method: 3 credits
(PermReq) REG; Limited to students for whom English is a second language. To register for ENGL 101X, a student must first demonstrate competence in English. Proof of one of the following should be brought to TLF 0139 (x4160) or PKT 1104 (x6545): 1. A TOEFL sectional score of 550 with no sectional score below 50. 2. A CELT score of 220 with no subtest score below 60 and a rating of 5 or better on the writing sample. 3. Successful completion of UMEI 005, Advanced English as a Foreign Language, Semi-Intensive.
2001 MWF.....9:00am- 9:50am (JRN 1101) STAFF
2002 MWF.....9:00am- 9:50am (JRN 1103) STAFF
2005 MWF.....10:00am-10:50am (ARM 0101) STAFF
2007 MWF.....10:00am-10:50am (TWS 2228) STAFF
2008 TuTh.....9:30am-10:45am (JMZ 0202) STAFF
2009 TuTh.....11:00am-12:15pm (ARM 0108) STAFF
2010 TuTh.....11:00am-12:15pm (JMZ 1211) STAFF

ENGL201 World Literature; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement;
0101 MWF.....10:00am-10:50am (KEY 0121) Birdsall, E
0301 TuTh.....9:30am-10:45am (TLF 0102) Rutherford, C

ENGL202 World Literature; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement;
0101 MWF.....11:00am-11:50am (TLF 2101) Demaree, C
0201 TuTh.....9:30am-10:45am (TLF 2101) Peterson, C
0301 TuTh.....12:30pm- 1:45pm (KEY 0126) Peterson, C

ENGL205 Introduction to Shakespeare; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement;
0101 MWF.....9:00am- 9:50am (TLF 1104) Dobin, H
0201 MWF.....10:00am-10:50am (TLF 2110) Singer, T
1101 TuTh.....11:00am-12:15pm (TLF 2101) Leinwand, T
1301 TuTh.....2:00pm- 3:15pm (TLF 2101) Harris, P
1302 TuTh.....2:00pm- 3:15pm (HBK 1112) Harris, P
1401 TuTh.....3:30pm- 4:45pm (KEY 0125) Harris, P

ENGL222 American Literature: 1865 to Present; 3 credits
Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement;
0101 MWF.....2:00pm- 2:50pm (TLF 0110) Bennett, M
0301 TuTh.....9:30am-10:45am (EDU 1121) STAFF
0401 TuTh.....11:00am-12:15pm (JMZ 3205) Tavares, M

ENGL234 Introduction to Afro-American Literature; 3 credits
Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement;
0101 MWF.....12:00pm-12:50pm (TLF 1101) Joyce, J
0201 MWF.....1:00pm- 1:50pm (KEY 0103) Joyce, J

ENGL240 Introduction to Literary Forms: Fiction, 3 credits
Poetry, Drama; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement;
0101 MWF.....10:00am-10:50am (KEY 0125) STAFF
0102 MWF.....10:00am-10:50am (TLF 1101) STAFF
0201 MWF.....11:00am-11:50am (WDS 1130) STAFF
0202 MWF.....11:00am-11:50am (KEY 0103) STAFF
0301 MWF.....12:00pm-12:50pm (TLF 2103) STAFF
0302 MWF.....12:00pm-12:50pm (KEY 0116) STAFF
0401 MWF.....1:00pm- 1:50pm (TLF 1104) STAFF
0402 MWF.....1:00pm- 1:50pm (TLF 2110) Moore, T
0501 MWF.....2:00pm- 2:50pm (KEY 0121) STAFF
0502 MWF.....2:00pm- 2:50pm (TLF 2108) Moore, T
0601 TuTh.....9:30am-10:45am (JMZ 0103) STAFF
0602 TuTh.....9:30am-10:45am (JMZ 2123) STAFF
0701 TuTh.....11:00am-12:15pm (JMZ 2207) STAFF
0801 TuTh.....12:30pm- 1:45pm (TLF 2101) STAFF
0802 TuTh.....12:30pm- 1:45pm (TLF 1102) STAFF
0901 TuTh.....2:00pm- 3:15pm (JMZ 0103) STAFF

ENGL241 Introduction to the Novel; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement;
0101 MWF.....9:00am- 9:50am (TLF 0110) STAFF

0201 MWF.....11:00am-11:50am (KEY 0120) STAFF
0301 MWF.....12:00pm-12:50pm (TLF 2126) STAFF
0501 TuTh.....9:30am-10:45am (KEY 0125) DiPaolo, T
0601 TuTh.....11:00am-12:15pm (JMZ 0208) Salamanca, J
0602 TuTh.....11:00am-12:15pm (TLF 0102) Hauch, S
0701 TuTh.....12:30pm- 1:45pm (TLF 1101) STAFF
0801 TuTh.....2:00pm- 3:15pm (JMZ 2207) STAFF

ENGL243 Introduction to Poetry; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0201 MWF.....12:00pm-12:50pm (TLF 1103) STAFF
0301 MWF.....1:00pm- 1:50pm (KEY 0120) Terchek, M
0401 TuTh.....9:30am-10:45am (TAA 1124) STAFF
0601 TuTh.....11:00am-12:15pm (TLF 1101) Griggs, J

ENGL244 Introduction to Drama; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....10:00am-10:50am (TLF 0102) STAFF
0201 MWF.....11:00am-11:50am (TLF 1101) STAFF
0301 MWF.....12:00pm-12:50pm (TLF 2101) STAFF
0401 TuTh.....9:30am-10:45am (TLF 1102) Cooper Jr., S
0601 TuTh.....2:00pm- 3:15pm (JMZ 0125) STAFF
0701 TuTh.....3:30pm- 4:45pm (TLF 0110) Bell, O

ENGL245 Introduction to Film As Literature; Grade Method: REG/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 M.....6:30pm-10:00pm (KEY 0106) Miller, J

ENGL246 The Short Story; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....8:00am- 8:50am (TLF 1102) Isaacs, N
0201 MWF.....9:00am- 9:50am (KEY 0125) STAFF
0301 MWF.....10:00am-10:50am (TLF 0108) STAFF
0501 MWF.....11:00am-11:50am (TLF 0110) STAFF
0801 MWF.....12:00pm-12:50pm (TLF 1102) STAFF
1301 MWF.....3:00pm- 3:50pm (TLF 1103) STAFF
1901 TuTh.....12:30pm- 1:45pm (KEY 0116) Townsend, B
2401 TuTh.....3:30pm- 4:45pm (TLF 1103) Macbain, S

ENGL247 Literature of Fantasy; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....9:00am- 9:50am (TLF 1101) Buhlig Jr., P
0201 MWF.....10:00am-10:50am (TLF 2101) Demaree, C
0401 MWF.....2:00pm- 2:50pm (TLF 0102) Demaree, C
0801 TuTh.....2:00pm- 3:15pm (TLF 0103) Smith, N

ENGL250 Women in Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....11:00am-11:50am (KEY 0126) STAFF
1101 TuTh.....9:30am-10:45am (TLF 1103) Townsend, B
1401 TuTh.....2:00pm- 3:15pm (TLF 2108) STAFF

ENGL260 Introduction to Folklore; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....10:00am-10:50am (KEY 0123) Pearson, B
0201 MWF.....11:00am-11:50am (TLF 0102) Pearson, B
0301 TuTh.....2:00pm- 3:15pm (TLF 1101) Webster, S
0401 TuTh.....3:30pm- 4:45pm (TLF 1102) Webster, S

ENGL281 Standard English Grammar, Usage, and Diction; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0121) Herman, H
0201 TuTh.....2:00pm- 3:15pm (TLF 2110) James, E

ENGL291 Intermediate Writing; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (ASY 3221) STAFF

ENGL294 Introduction to Creative Writing; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (TLF 0108) STAFF
0301 MWF.....11:00am-11:50am (KEY 0124) STAFF

ENGL296 Beginning Fiction Workshop; Grade Method: REG/P-F/AUD; 3 credits
0201 MWF.....10:00am-10:50am (TLF 1103) STAFF
0501 MWF.....12:00pm-12:50pm (TLF 0108) STAFF
0701 TuTh.....11:00am-12:15pm (JMZ 3120) STAFF
0901 TuTh.....3:30pm- 4:45pm (TLF 0103) Norman, H

ENGL297 Beginning Poetry Workshop; Grade Method: REG/P-F/AUD; 3 credits
0201 MWF.....11:00am-11:50am (TLF 0108) STAFF
0401 MWF.....1:00pm- 1:50pm (TLF 2126) Van Egmond, P
0601 TuTh.....9:30am-10:45am (EDU 2203) STAFF
0801 TuTh.....12:30pm- 1:45pm (KEY 0120) STAFF

ENGL301 Critical Methods in the Study of Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0501 MWF.....2:00pm- 2:50pm (TLF 0108) Robinson, J

ENGL310 Medieval and Renaissance British Literature; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (TLF 1103) Beauchamp, V
0301 MWF.....11:00am-11:50am (KEY 0123) Dobin, H
0401 MWF.....12:00pm-12:50pm (TLF 0102) Cartwright, K
0501 MWF.....1:00pm- 1:50pm (KEY 0123) Birdsall, E
0601 MWF.....2:00pm- 2:50pm (KEY 0120) Cartwright, K
1101 TuTh.....3:30pm- 4:45pm (KEY 0123) Moser, T
1301 TuTh.....12:30pm- 1:45pm (KEY 0124) Mack Jr, M

ENGL311 Baroque and Augustan British Literature; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....8:00am- 8:50am (KEY 0120) Wilson, G
0201 MWF.....9:00am- 9:50am (TLF 0103) Wilson, G
0202 MWF.....9:00am- 9:50am (TLF 0102) Singer, T
0601 MWF.....12:00pm-12:50pm (KEY 0123) Olmert, M
0701 MWF.....1:00pm- 1:50pm (KEY 0119) Hamilton, G
0702 MWF.....1:00pm- 1:50pm (KEY 0125) Olmert, M
1201 TuTh.....11:00am-12:15pm (TLF 0108) Carretta, V
1401 TuTh.....2:00pm- 3:15pm (JMZ 1215) Carretta, V
1402 TuTh.....2:00pm- 3:15pm (JMZ 2122) Marcuse, M

ENGL311H (PermReq) Baroque and Augustan British Literature; Grade Method: REG; For English honors students only. 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 2137) Marcuse, M

ENGL312 Romantic to Modern British Literature; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (TLF 1104) Kleine, D
0501 MWF.....12:00pm-12:50pm (TLF 1104) Kleine, D
0701 MWF.....2:00pm- 2:50pm (KEY 0117) Panichas, G
1201 TuTh.....11:00am-12:15pm (TLF 1103) Auchard, J
1301 TuTh.....12:30pm- 1:45pm (TLF 0102) Cate, G
1401 TuTh.....2:00pm- 3:15pm (TLF 1104) Auchard, J
1501 TuTh.....3:30pm- 4:45pm (TLF 2103) Leonardi, L

ENGL313 American Literature; Grade Method: REG/P-F/AUD; 3 credits
0401 MWF.....11:00am-11:50am (KEY 0117) Holton, M
0501 MWF.....12:00pm-12:50pm (KEY 0117) Bennett, M
0601 MWF.....1:00pm- 1:50pm (KEY 0117) Holton, M
1101 TuTh.....9:30am-10:45am (TLF 2103) STAFF
1202 TuTh.....11:00am-12:15pm (KEY 0120) STAFF
1301 TuTh.....12:30pm- 1:45pm (TLF 0108) Auerbach, J
1302 TuTh.....12:30pm- 1:45pm (KEY 0121) Levine, R
1501 TuTh.....3:30pm- 4:45pm (TLF 0102) Levine, R

ENGL348 Literary Works By Women; Grade Method: REG/P-F/AUD; Course taught by S. Leonardi and M. Smith. 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 0124) Leonardi, S

ENGL370 (PermReq) Junior Honors Conference; Grade Method: REG/P-F/AUD; 1 credit
0101 Th.....3:15pm- 5:15pm (TLF 0108) Fraistat, N

ENGL371 (PermReq) Senior Honors Conference; Grade Method: REG/P-F/AUD; 1 credit
0101 F.....3:00pm- 5:00pm (TLF 3100) Fraistat, N

ENGL378 (PermReq) Independent Research in English; Grade Method: REG/P-F/AUD; Individual Instruction course; contact department or instructor to obtain section number. 1-6 credits

ENGL379E Special Topics in Literature: Film Analysis - The Rhetoric of Fictional Worlds; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: 2 literature courses. 3 credits
0101 Th.....6:30pm-10:00pm (KEY 0106) Miller, J

ENGL379G Special Topics in Literature: An American Comedy of Manners: Films of Howard Hawks and Woody Allen; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....6:30pm-10:00pm (KEY 0106) Miller, J

ENGL379J Special Topics in Literature: Interpreting the Bible; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: two literature courses. 3 credits
0101 Tu.....7:00pm- 9:40pm (TLF 1104) Handelman, S

ENGL379N Special Topics in Literature: The Literature of Sentiment and Sentimentality; Grade Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: any two freshman or sophomore English courses with the exception of ENGL 294. Completion of two literature courses. 3 credits
0101 TuTh.....9:30am-10:45am (TLF 0108) Macbain, S

ENGL380 (PermReq) Internship; Grade Method: REG; 3-6 credits
0101 Time and room to be arranged STAFF
0201 Time and room to be arranged Terchek, M

ENGL384 Concepts of Grammar; Grade Method: REG/P-F/AUD; Prerequisite: ENGL 281 or its equivalent or instructor's permission. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TLF 0103) James, E

ENGL391 Advanced Composition; Grade Method: REG; This course satisfies the junior English requirement. Prerequisite: ENGL 101 or equivalent and 56 credits (junior standing). 3 credits
0001 MWF.....8:00am- 8:50am (TLF 0108) STAFF
0102 MWF.....9:00am- 9:50am (WDS 1131) STAFF
0103 MWF.....9:00am- 9:50am (HBK 1112) STAFF
0201 MWF.....10:00am-10:50am (HBK 1116) STAFF
0202 MWF.....10:00am-10:50am (HBK 0125) STAFF
0203 MWF.....10:00am-10:50am (HBK 1112) STAFF
0204 MWF.....10:00am-10:50am (HZF 1106) STAFF
0301 MWF.....11:00am-11:50am (HBK 1112) STAFF
0302 MWF.....11:00am-11:50am (ASY 3211) STAFF
0303 MWF.....11:00am-11:50am (ASY 3215) STAFF
0304 MWF.....11:00am-11:50am (ARM 0101) STAFF
0401 MWF.....12:00pm-12:50pm (ARM 0101) STAFF
0402 MWF.....12:00pm-12:50pm (HBK 0117) STAFF
0403 MWF.....12:00pm-12:50pm (ASY 3215) STAFF
0404 MWF.....12:00pm-12:50pm (KEY 0120) STAFF
0502 MWF.....1:00pm- 1:50pm (HBK 1112) STAFF
0503 MWF.....1:00pm- 1:50pm (ARM 0101) STAFF
0504 MWF.....1:00pm- 1:50pm (WDS 1130) STAFF
0602 MWF.....2:00pm- 2:50pm (TLF 2126) STAFF
0603 MWF.....2:00pm- 2:50pm (ARM 0121) STAFF
0701 MWF.....3:00pm- 3:50pm (TLF 2108) STAFF
0804 MWF.....4:00pm- 4:50pm (HBK 1108) STAFF
1001 TuTh.....8:00am- 9:15am (KEY 0123) STAFF
1101 TuTh.....9:30am-10:45am (HBK 0125) STAFF
1102 TuTh.....9:30am-10:45am (TYD 1136) STAFF
1103 TuTh.....9:30am-10:45am (JMP 3105) STAFF
1104 TuTh.....9:30am-10:45am (EGR 3102) STAFF
1201 TuTh.....11:00am-12:15pm (WDS 1130) STAFF
1202 TuTh.....11:00am-12:15pm (ARM 0118) STAFF
1203 TuTh.....11:00am-12:15pm (CHE 2136) STAFF
1204 TuTh.....11:00am-12:15pm (ARC 1125) STAFF
1302 TuTh.....12:30pm- 1:45pm (EGR 1124) STAFF
1303 TuTh.....12:30pm- 1:45pm (JMZ 0120) STAFF
1304 TuTh.....12:30pm- 1:45pm (ARM 0120) STAFF
1305 TuTh.....12:30pm- 1:45pm (ARM 0105) STAFF
1401 TuTh.....2:00pm- 3:15pm (JMZ 1103) STAFF
1402 TuTh.....2:00pm- 3:15pm (ARM 0103) STAFF
1403 W.....6:00pm- 8:45pm (TLF 0103) STAFF
1501 TuTh.....3:30pm- 4:45pm (HBK 1116) STAFF

ENGL391X Advanced Composition; Grade Method: REG; For students for whom English is a second language. This course satisfies the junior English requirement. Prerequisite: ENGL 101 or equivalent and 56 credits (junior standing). 3 credits
0301 TuTh.....11:00am-12:15pm (JMZ 1123) STAFF

ENGL391Z Advanced Composition; Grade Method: REG; Includes computer-assisted instruction. This course satisfies the junior English requirement. Prerequisite: ENGL 101 or equivalent and 56 credits (junior standing). 3 credits
0201 TuTh.....11:00am-12:15pm (EGR 3114) STAFF

ENGL392 Advanced Composition: Pre-Law; Grade Method: REG; This course satisfies the junior English requirement. Prerequisite: ENGL 101 or equivalent and 56 credits (junior standing). 3 credits
0101 MWF.....11:00am-11:50am (ARM 0120) STAFF
0201 TuTh.....9:30am-10:45am (JMZ 1122) STAFF
0301 TuTh.....12:30pm- 1:45pm (JMZ 2125) STAFF
0401 W.....7:00pm- 9:40pm (KEY 0117) STAFF

ENGL393 Technical Writing; Grade Method: REG; This course satisfies the junior English requirement. Prerequisite: ENGL 101 or equivalent and 56 credits (junior standing). 3 credits
0001 MWF.....8:00am- 8:50am (KEY 0117) STAFF
0101 MWF.....9:00am- 9:50am (TLF 1102) STAFF
0102 MWF.....9:00am- 9:50am (TWS 2228) STAFF
0103 MWF.....9:00am- 9:50am (TLF 2101) STAFF
0201 MWF.....10:00am-10:50am (ARM 0120) STAFF
0202 MWF.....10:00am-10:50am (ASY 3221) STAFF
0203 MWF.....10:00am-10:50am (KEY 0117) STAFF
0204 MWF.....10:00am-10:50am (WDS 1130) STAFF
0301 MWF.....11:00am-11:50am (HBK 1108) STAFF
0302 MWF.....11:00am-11:50am (HZF 1106) STAFF
0303 MWF.....11:00am-11:50am (HBK 0125) STAFF
0304 MWF.....11:00am-11:50am (WDS 1127) STAFF
0401 MWF.....12:00pm-12:50pm (KEY 0125) STAFF
0402 MWF.....12:00pm-12:50pm (WDS 1127) STAFF
0403 MWF.....12:00pm-12:50pm (HBK 0125) STAFF
0404 MWF.....12:00pm-12:50pm (SYM 1308) STAFF
0501 MWF.....1:00pm- 1:50pm (HBK 0125) STAFF
0502 MWF.....1:00pm- 1:50pm (ARM 0118) STAFF
0503 MWF.....1:00pm- 1:50pm (WDS 1127) STAFF
0504 MWF.....1:00pm- 1:50pm (ARM 0105) STAFF
0602 MWF.....2:00pm- 2:50pm (HBK 1116) STAFF
0603 MWF.....2:00pm- 2:50pm (TLF 1103) STAFF
0702 MWF.....3:00pm- 3:50pm (HBK 1116) STAFF
1001 TuTh.....8:00am- 9:15am (TLF 1101) STAFF
1101 TuTh.....9:30am-10:45am (ARM 0102) STAFF
1102 TuTh.....9:30am-10:45am (ARC 1125) STAFF
1103 TuTh.....9:30am-10:45am (ARM 0121) STAFF
1104 TuTh.....9:30am-10:45am (LEF 1210) STAFF
1201 TuTh.....11:00am-12:15pm (ARM 0102) STAFF
1202 TuTh.....11:00am-12:15pm (LEF 1210) STAFF
1203 TuTh.....11:00am-12:15pm (EGR 3108) STAFF
1204 TuTh.....11:00am-12:15pm (ARM 0105) STAFF
1205 TuTh.....11:00am-12:15pm (ARM 0121) STAFF
1301 TuTh.....12:30pm- 1:45pm (HBK 0117) STAFF
1302 TuTh.....12:30pm- 1:45pm (ARM 0119) STAFF
1303 Tu.....6:00pm- 8:45pm (TLF 1101) STAFF
1304 TuTh.....12:30pm- 1:45pm (SYM 1308) STAFF
1305 TuTh.....12:30pm- 1:45pm (ARM 0103) STAFF
1401 TuTh.....2:00pm- 3:15pm (JMZ 2125) STAFF
1402 TuTh.....2:00pm- 3:15pm (HBK 0125) STAFF
1403 TuTh.....2:00pm- 3:15pm (ARM 0120) STAFF
1501 TuTh.....3:30pm- 4:45pm (COL 0102) STAFF
1502 TuTh.....3:30pm- 4:45pm (SKN 1106) STAFF
1602 M.....6:00pm- 8:40pm (TLF 1101) STAFF
1603 Tu.....6:00pm- 8:40pm (TLF 1102) STAFF
1604 W.....6:00pm- 8:40pm (KEY 0103) STAFF
1605 Th.....6:00pm- 8:40pm (TLF 0101) STAFF
1606 W.....6:00pm- 8:40pm (TLF 2101) STAFF
1607 Tu.....6:00pm- 8:40pm (LEF 1220) STAFF
1608 Th.....6:00pm- 8:40pm (JRN 1103) STAFF

ENGL393X Technical Writing; Grade Method: REG; For students for whom English is a second language. This satisfies the junior English requirement. Prerequisite: ENGL 101 or equivalent and 56 credits (junior standing). 3 credits
0001 MWF.....11:00am-11:50am (JRN 1101) STAFF
0101 MWF.....11:00am-11:50am (HBK 1116) STAFF
0201 MWF.....12:00pm-12:50pm (TLF 2110) STAFF
0401 MWF.....2:00pm- 2:50pm (TLF 2110) STAFF
1001 TuTh.....8:00am- 9:15am (HBK 1112) STAFF
1002 TuTh.....9:30am-10:45am (JRN 1101) STAFF
1102 TuTh.....2:00pm- 3:15pm (JMZ 1122) STAFF
1503 TuTh.....3:30pm- 4:45pm (TLF 2101) STAFF

ENGL393Z Technical Writing; Grade Method: REG; Includes computer-assisted instruction. This course satisfies the junior English requirement. Prerequisite: ENGL 101 or equivalent and 56 credits (junior standing). 3 credits
0101 TuTh.....9:30am-10:45am (JRN 1103) STAFF
0301 TuTh.....11:00am-12:15pm (HBK 1116) STAFF

ENGL394 Business Writing; Grade Method: REG; This course satisfies the junior English requirement. Prerequisite: ENGL 101 or equivalent and 56 credits (junior standing). 3 credits
0101 MWF.....9:00am- 9:50am (ARM 0121) STAFF
0201 MWF.....10:00am-10:50am (WDS 1131) STAFF
0301 MWF.....11:00am-11:50am (TYD 1132) STAFF
0401 MWF.....12:00pm-12:50pm (JRN 1103) STAFF
0501 MWF.....1:00pm- 1:50pm (KEY 0121) STAFF
0601 MWF.....2:00pm- 2:50pm (JRN 1103) STAFF
0701 TuTh.....9:30am-10:45am (ARM 0118) STAFF
0801 TuTh.....11:00am-12:15pm (EGR 0102) STAFF
1001 TuTh.....12:30pm- 1:45pm (HBK 1116) STAFF
1101 TuTh.....12:30pm- 1:45pm (JMZ 2120) STAFF
1201 TuTh.....2:00pm- 3:15pm (ARC 1123) STAFF
1601 Tu.....6:00pm- 8:40pm (TLF 1103) STAFF

ENGL395 Technical Writing: Pre-Medical; Grade Method: REG; This course satisfies the junior English requirement. Prerequisite: ENGL 101 or equivalent and 56 credits (junior standing). 3 credits
0101 TuTh.....11:00am-12:15pm (ARM 0120) STAFF

ENGL396 (PermReq) Intermediate Fiction Workshop; Grade Method: REG/P-F/AUD; 3 credits
0201 TuTh.....2:00pm- 3:15pm (TLF 0108) Norman, H

ENGL397 (PermReq) Intermediate Poetry Workshop; Grade Method: REG/P-F/AUD; 3 credits
0201 TuTh.....2:00pm- 3:15pm (TLF 0102) Jellema, R

ENGL399A (PermReq) Senior Seminar: Pioneer Women in American Literature; Grade Method: REG; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 2117) Smith, M

ENGL399B (PermReq) Senior Seminar: American Writers of the 1920's; Grade Method: REG; 3 credits
0101 MWF.....1:00pm- 1:50pm (KEY 0116) Wyatt, D

ENGL399C (PermReq) Senior Seminar: Women's Autobiographies; Grade Method: REG; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 1104) Leonardi, S

ENGL399F (PermReq) Senior Seminar: The Great Divide: The Split Between the Modern and the Pre-Modern Worlds; Grade Method: REG; 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0119) Flieger, V

ENGL399G (PermReq) Senior Seminar: Attitudes Toward History: Late Nineteenth-Century American Culture from the Perspective of Fiction; Grade Method: REG; 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0123) Auerbach, J

ENGL399R (PermReq) Senior Seminar: Commonwealth Literature; Grade Method: REG; 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 1210) Russell, J

ENGL399X (PermReq) Senior Seminar: Parents and Children: Shakespearean Texts and Contemporary Theories; Grade Method: REG; For English honors students. 3 credits
0101 MWF.....10:00am-10:50am (KEY 0119) Dobin, H

ENGL399Y (PermReq) Senior Seminar: Discourse Analysis; Grade Method: REG; For English honors students. 3 credits
0101 MWF.....2:00pm- 2:50pm (KEY 0123) Coleman, L

ENGL399Z (PermReq) Senior Seminar: Chaucer as Maker: the Early Poems and their Sources; Grade Method: REG; For English honors students. 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0123) Moser, T

ENGL402 Chaucer; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (TLF 2110) Birdsall, E

ENGL403 Shakespeare; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (TLF 1104) Barry, J
0201 MWF.....11:00am-11:50am (TLF 0103) Barry, J
0301 TuTh.....11:00am-12:15pm (KEY 0125) Cooper Jr., S

ENGL404 Shakespeare; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (TLF 0103) Beauchamp, V
0301 TuTh.....9:30am-10:45am (TLF 1101) Leinwand, T
0401 TuTh.....11:00am-12:15pm (TLF 0103) Hamilton, D
0502 MWF.....11:00am-11:50am (SKN 1113) Cartwright, K
0601 TuTh.....12:30pm- 1:45pm (TLF 0110) Trousdale, M
0701 TuTh.....3:30pm- 4:45pm (TLF 1104) Trousdale, M

ENGL412 Literature of the Seventeenth Century, 1600-1660; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: completion of two literature courses. 3 credits
0201 MWF.....11:00am-11:50am (TLF 1102) Wilson, G

ENGL414 Milton; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (TLF 1104) Hamilton, G

ENGL417 Literature of the Eighteenth Century; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (TLF 2108) Marcuse, M

ENGL419B Major British Writers: Yeats and Joyce; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (TLF 2103) Holton, M

ENGL423 Literature of the Victorian Period; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 2103) Cate, G

ENGL430 American Literature, Beginning to 1810, the Colonial and Federal Periods; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (TLF 0110) Bennett, M

ENGL432 American Literature, 1865 to 1914, Realism and Naturalism; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: 2 literature courses. 3 credits
0101 MWF.....11:00am-11:50am (KEY 0125) Moore, T

ENGL433 American Literature, 1914 to the Present, the Modern Period; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (TLF 2101) Van Egmond, P

ENGL434 American Drama; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (TLF 1103) Robinson, J
0201 MWF.....12:00pm-12:50pm (TLF 0103) Robinson, J

ENGL435 American Poetry: Beginning to the Present; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (TLF 0110) Van Egmond, P

ENGL437 Contemporary American Literature; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (TLF 1103) Kauffman, L

ENGL439A Major American Writers: Fitzgerald and Hemingway; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (HZF 1106) Bryer, J

ENGL441 The Novel in America Since 1910; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (TLF 0110) Bryer, J

ENGL446 Contemporary British and American Poetry; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 1104) Jellema, R

ENGL453 Literary Criticism; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: 2 literature courses. 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 0103) Barry, J

ENGL454 Modern Drama; Grade Method: REG/P-F/AUD; 3 credits
0201 TuTh.....3:30pm- 4:45pm (JMZ 2207) Heyndels, I

ENGL457 The Modern Novel; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (TLF 1101) Kleine, D

ENGL462 Folksong and Ballad; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 2103) Pearson, B

ENGL466 Arthurian Legend; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0125) Herman, H

ENGL476 Modern Fantasy and Science Fiction; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (TLF 0101) Donawerth, J
0201 MWF.....11:00am-11:50am (TLF 0101) Donawerth, J

ENGL477 Studies in Mythmaking; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: 2 literature courses. 3 credits
0101 TuTh.....9:30am-10:45am (TLF 1104) Flieger, V
0201 TuTh.....11:00am-12:15pm (TLF 0110) Norman, H

ENGL479Q Selected Topics in English and American Literature After 1800: Cervantes's Don Quixote; Grade Method: REG/P-F/AUD; The class will be conducted in English. All readings are in English. No Spanish required except for Spanish majors who enroll. Spanish majors will have some outside readings in Spanish. 3 credits
0101 MWF.....10:00am-10:50am (JRN 1103) Zappala, M

ENGL483 American English; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (TLF 0102) Coleman, L

ENGL489A Special Topics in English Language: The Language of Advertising; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: 2 literature courses. — 3 credits
0201 TuTh.....9:30am-10:45am (TLF 2110) James, E
0202 TuTh.....9:30am-10:45am (TLF 0103) Webster, S

ENGL489C Special Topics in English Language: The Language of the Law; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: 2 literature courses. — 3 credits
0101 MWF.....2:00pm- 2:50pm (TLF 0103) Miller, M

ENGL493 Advanced Expository Writing; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....9:00am-11:00am (KEY 0120) Scheltema, M
Time and room to be arranged DIS
0201 W.....9:00am-11:00am (KEY 0120) Scheltema, M
Time and room to be arranged LAB
0301 TuTh.....2:00pm- 3:15pm (KEY 0117) Townsend, B

ENGL494 Editing and Document Design; Grade Method: REG; Prerequisite: ENGL 391 or ENGL 393. For English majors only. — 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0117) Shapiro, N

ENGL496 (PermReq) Advanced Fiction Workshop; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0119) Salamanca, J

ENGL497 (PermReq) Advanced Poetry Workshop; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0117) Collier, M

ENGL601 Bibliography and Methods; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:00pm (TLF 0110) Smith, M
Time and room to be arranged LAB
0201 W.....7:00pm- 9:00pm (KEY 0121) Howard, J
Time and room to be arranged LAB

ENGL605 Readings in Linguistics; Grade Method: REG/AUD; — 3 credits
0101 M.....4:00pm- 6:00pm (TLF 0103) Miller, M
Time and room to be arranged DIS

ENGL611 Approaches to College Composition; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:00pm (TLF 0135) Ryan, L
Time and room to be arranged

ENGL621 Readings in Renaissance English Literature; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:00pm (KEY 0120) Hamilton, D
Time and room to be arranged LAB

ENGL623 Readings Eighteenth-Century English Literature; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:00pm (TLF 3100) Carretta, V
Time and room to be arranged DIS

ENGL625 Readings in English Victorian Literature; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:00pm (TLF 2103) Cate, G
Time and room to be arranged DIS

ENGL688 (PermReq) Poetry Workshop; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:30pm (KEY 0119) Collier, M

ENGL689 (PermReq) Fiction Workshop; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:30pm (KEY 0126) Kornblatt, J

ENGL699 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ENGL718 (PermReq) Seminar in Medieval Literature: Chaucer's Early Poetry and the Troilus; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:00pm (TLF 2108) Moser, T
Time and room to be arranged DIS

ENGL719A (PermReq) Seminar in Renaissance Literature: Shakespeare; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:00pm (TLF 2103) Mack Jr, M
Time and room to be arranged DIS

ENGL728 (PermReq) Seminar in Seventeenth-Century Literature: John Milton and the Restoration; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:00pm (TLF 0102) Hamilton, G
Time and room to be arranged DIS

ENGL729 (PermReq) Seminar in Eighteenth-Century Literature: Jonathan Swift and the Civic Humanist Tradition; Grade Method: REG/AUD; — 3 credits
0101 M.....1:00pm- 3:00pm (TLF 3100) Hammond, E
Time and room to be arranged DIS

ENGL738 (PermReq) Seminar in Nineteenth-Century Literature: Romanticism and Feminism; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:00pm (TLF 0110) Fraistat, N
Time and room to be arranged DIS

ENGL739 (PermReq) Seminar in Nineteenth-Century Literature: Imperialism and 19th Century British Literature; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:00pm (KEY 0117) David, D
Time and room to be arranged DIS

ENGL748A (PermReq) Seminar in American Literature: Theories of American Literature; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:00pm (KEY 0119) Auerbach, J
Time and room to be arranged DIS

ENGL748B (PermReq) Seminar in American Literature: Hawthorne and His Circle; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:00pm (TLF 1101) Levine, R
Time and room to be arranged LAB

ENGL748C (PermReq) Seminar in American Literature: Black Literature; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:00pm (TLF 2108) Joyce, J
Time and room to be arranged DIS

ENGL748D (PermReq) Seminar in American Literature: Fin De Siecle: The Symbolist, Decadent and Aesthete Movements; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:00pm (TLF 0108) Auchard, J
Time and room to be arranged LAB

ENGL748E (PermReq) Seminar in American Literature: The American West: Symbol and Experience; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:00pm (TLF 1102) Wyatt, D
Time and room to be arranged DIS

ENGL749A (PermReq) Studies in Twentieth-Century Literature: Modern British Literature; Grade Method: REG/AUD; — 3 credits
0101 M.....4:00pm- 6:00pm (TLF 2126) Freedman, M

ENGL749B (PermReq) Studies in Twentieth-Century Literature: Commonwealth Literature; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:00pm (TLF 0135) Russell, J
Time and room to be arranged DIS

ENGL757 (PermReq) Seminar in Contemporary Literary Theory; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:00pm (TLF 3100) Caramello, C
Time and room to be arranged DIS

ENGL758A (PermReq) Literary Criticism: Feminist Literary Theory; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:00pm (TLF 2126) Kauffman, L

ENGL758B (PermReq) Literary Criticism: Literature and Politics: The Frankfurt School; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:00pm (TLF 3100) Handelman, S
Time and room to be arranged DIS

ENGL775 (PermReq) Seminar in Composition Theory; Grade Method: REG/AUD; — 3 credits
0101 Th.....6:00pm- 8:00pm (TLF 0135) Fahnestock, J
Time and room to be arranged DIS

ENGL779 (PermReq) Seminar in Language Study: Discourse Analysis; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:00pm (TLF 0108) Coleman, L
Time and room to be arranged LAB

ENGL789 (PermReq) Form and Theory in Fiction; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:30pm- 6:30pm (KEY 0124) Kornblatt, J

ENGL799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENGL819A (PermReq) Seminar in Themes and Types in English Literature: Place as Ethos and Theme in Literature; Grade Method: REG; — 3 credits
0101 Th.....7:00pm- 9:00pm (TLF 0108) Isaacs, N
Time and room to be arranged DIS

ENGL819B (PermReq) Seminar in Themes and Types in English Literature: Myth, Theme, and Theory - The Goddess and the Hero; Grade Method: REG/AUD; — 3 credits
0101 Tu.....6:00pm- 8:00pm (TLF 2137) Flieger, V
Time and room to be arranged DIS

ENGL828 (PermReq) Seminar in Themes and Types in American Literature: Vanguardism, Feminism, Stein; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:00pm (TLF 2137) Caramello, C
Time and room to be arranged DIS

ENGL899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

ENMA Engineering, Materials (Engineering)

ENMA464 (PermReq) Environmental Effects on Engineering Materials; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....5:30pm- 6:45pm (CHE 2120) McIntyre, J
M.....6:30pm- 7:45pm (CHE 2116)

ENMA471 (PermReq) Physical Chemistry of Engineering Materials; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (CHE 2118) Ankem, S

ENMA473 Processing of Engineering Materials; Grade Method: REG/P-F/AUD; — 3 credits
0101 Time and room to be arranged Arsenault, R

ENMA661 (PermReq) Kinetics of Reactions in Materials; Grade Method: REG/AUD; Advanced special students require department authorization. — 3 credits
0101 MW.....7:45pm- 9:00pm (EGR 2102) Wuttig, M

ENMA671 (PermReq) Dislocations in Crystalline Materials; Grade Method: REG/AUD; Advanced special students require department authorization. — 3 credits
0101 MW.....4:30pm- 6:00pm (CHE 2116) Arsenault, R

ENMA698 (PermReq) Special Problems in Engineering Materials; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Advanced students require department authorization. — 1-16 credits

ENMA698A (PermReq) Special Problems in Engineering Materials: Electronic Materials for Sensors; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....5:00pm- 6:30pm (CHE 2136) Salamanca-Young

ENMA698B (PermReq) Special Problems in Engineering Materials: Advanced Ceramic Materials; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:45pm (CHE 2116) STAFF

ENMA698C (PermReq) Special Problems in Engineering Materials: Elastic Properties of Materials; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged Roitburt, A

ENMA799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENMA899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

ENME Engineering, Mechanical (Engineering)

ENME201 (PermReq) Mechanical Engineering Project; Grade Method: S-F; — 1 credit
0101 M.....12:00pm-12:50pm (CHM 0115) Wilson, W
Time and room to be arranged LAB

ENME205 (PermReq) Engineering Analysis and Computer Programming; Grade Method: REG/P-F/AUD; Pre or co-requisite: MATH 241 — 3 credits
0101 MW.....9:00am- 9:50am (CHE 2108) STAFF
Th.....11:00am- 1:00pm (CHM 0124) DIS
0102 MW.....9:00am- 9:50am (CHE 2108) STAFF
Th.....1:00pm- 3:00pm (EGR 3111) DIS
0103 MW.....9:00am- 9:50am (CHE 2108) STAFF
W.....1:00pm- 3:00pm (CHE 2140) DIS

ENME217 (PermReq) Thermodynamics; Grade Method: REG/P-F/AUD; Prerequisites: PHYS 262, MATH 141. — 3 credits
0101 MW.....10:00am-10:50am (EGR 1202) STAFF
M.....1:00pm- 3:00pm (CHE 2145) DIS
0102 MW.....10:00am-10:50am (EGR 1202) STAFF
Tu.....11:00am- 1:00pm (EGR 0108) DIS
0103 MW.....10:00am-10:50am (EGR 1202) STAFF
Tu.....1:00pm- 3:00pm (EGR 2112) DIS
0104 MW.....10:00am-10:50am (EGR 1202) STAFF
W.....1:00pm- 3:00pm (EGR 2112) DIS
0105 MW.....10:00am-10:50am (EGR 1202) STAFF
Th.....11:00am- 1:00pm (EGR 2112) DIS

ENME310 (PermReq) Mechanics of Deformable Solids; Grade Method: REG/P-F/AUD; Prerequisite: ENES 220. — 3 credits
0101 MWF.....9:00am- 9:50am (EGR 3110) STAFF
0201 MWF.....10:00am-10:50am (EGR 0108) STAFF
0301 MWF.....11:00am-11:50am (EGR 0108) STAFF

ENME311 (PermReq) Mechanics of Deformable Solids Laboratory; Grade Method: REG/P-F/AUD; Co-requisite: ENME 310. — 1 credit
0101 W.....12:00pm-12:50pm (CHM 0115) STAFF
M.....1:00pm- 3:00pm (EGL 0102) LAB
0102 W.....12:00pm-12:50pm (CHM 0115) STAFF
Tu.....1:00pm- 3:00pm (EGL 0102) LAB
0103 W.....12:00pm-12:50pm (CHM 0115) STAFF
W.....1:00pm- 3:00pm (EGL 0102) LAB
0104 W.....12:00pm-12:50pm (CHM 0115) STAFF
Th.....1:00pm- 3:00pm (EGL 0102) LAB

ENME315 (PermReq) Intermediate Thermodynamics; Grade Method: REG/P-F/AUD; Prerequisite: ENME 217. — 3 credits
0101 MWF.....9:00am- 9:50am (EGR 2154) STAFF
0201 MWF.....10:00am-10:50am (EGR 1120) STAFF
0301 MWF.....11:00am-11:50am (EGR 1126) STAFF

ENME320 (PermReq) Thermodynamics; Grade Method: REG/P-F/AUD; Prerequisites: MATH 141, PHYS 262. — 3 credits
0101 MWF.....9:00am- 9:50am (EGR 0108) STAFF
0201 MWF.....10:00am-10:50am (EGR 3110) STAFF

ENME321 (PermReq) Transfer Processes; Grade Method: REG/P-F/AUD; Prerequisite: ENME 342. — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 3106) STAFF
0201 MWF.....10:00am-10:50am (EGR 2154) STAFF
0301 MWF.....11:00am-11:50am (EGR 3106) STAFF

ENME342 (PermReq) Fluid Mechanics I; Grade Method: REG/P-F/AUD; Prerequisite: ENME 217. — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 1104) STAFF
0201 TuTh.....11:00am-12:15pm (EGR 0110) STAFF
0301 TuTh.....11:00am-12:15pm (EGR 1126) STAFF

ENME343 (PermReq) Fluid Mechanics Laboratory; Grade Method: REG/P-F/AUD; Pre or co-requisite: ENME 342. — 1 credit
0101 M.....12:00pm-12:50pm (CHM 1402) STAFF
M.....1:00pm- 3:00pm (EGL B0110) LAB
0102 M.....12:00pm-12:50pm (CHM 1402) STAFF
Tu.....1:00pm- 3:00pm (EGL B0110) LAB
0103 M.....12:00pm-12:50pm (CHM 1402) STAFF
W.....1:00pm- 3:00pm (EGL B0110) LAB
0104 M.....12:00pm-12:50pm (CHM 1402) STAFF
Th.....1:00pm- 3:00pm (EGL B0110) LAB
0105 M.....12:00pm-12:50pm (CHM 1402) STAFF
F.....1:00pm- 3:00pm (EGL B0110) LAB

ENME360 (PermReq) Dynamics of Machinery; Grade Method: REG/P-F/AUD; Prerequisites: ENES 221 and MATH 246. — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 0108) STAFF
0201 TuTh.....9:30am-10:45am (EGR 1120) STAFF
0301 TuTh.....11:00am-12:15pm (EGR 1104) STAFF

ENME381 (PermReq) Measurements Laboratory; Grade Method: REG/P-F/AUD; Prerequisites: ENME 360, ENEE 300. — 3 credits
0101 TuTh.....11:00am-11:50am (CHE 2108) STAFF
M.....12:30pm- 3:30pm (EGL 1187) LAB
0102 TuTh.....11:00am-11:50am (CHE 2108) STAFF
Tu.....12:30pm- 3:30pm (EGL 1187) LAB
0103 TuTh.....11:00am-11:50am (CHE 2108) STAFF
W.....12:30pm- 3:30pm (EGL 1187) LAB
0104 TuTh.....11:00am-11:50am (CHE 2108) STAFF
Th.....12:30pm- 3:30pm (EGL 1187) LAB

ENME400 (PermReq) Machine Design; Grade Method: REG/P-F/AUD; Prerequisites: ENME 310, ENME 360. Co-requisite: ENME 401. — 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 2112) STAFF
0201 TuTh.....9:30am-10:45am (EGR 2112) STAFF

ENME401 (PermReq) The Structure and Properties of Engineering Materials; Grade Method: REG/P-F/AUD; Co-requisite: ENME 310. — 3 credits
0101 MWF.....10:00am-10:50am (EGR 0110) STAFF
0201 MWF.....11:00am-11:50am (EGR 1104) STAFF

ENME402 (PermReq) Selected Topics in Engineering Design; Grade Method: REG/P-F/AUD; Design technical elective. — 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 1104) Azarm, S

ENME403 (PermReq) Automatic Controls; Grade Method: REG/P-F/AUD; Prerequisites: ENEE 300, ENME 360. — 3 credits
0201 MWF.....9:00am- 9:50am (EGR 3106) STAFF
0301 MWF.....10:00am-10:50am (EGR 3106) STAFF

ENME404 (PermReq) Mechanical Engineering Systems Design; Grade Method: REG/P-F/AUD; Limited to May graduates. — 4 credits
0101 TuTh.....11:00am-11:50am (CHE 2110) STAFF
TuTh.....12:30pm- 3:30pm (CHE 2110) LAB

ENME405 (PermReq) Energy Conversion Design; Grade Method: REG/P-F/AUD; Prerequisite: senior standing in mechanical engineering. Prerequisite: ENME 315, ENME 321. Co-requisite ENME 401. — 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 2154) STAFF
0201 MWF.....11:00am-11:50am (EGR 2154) STAFF

ENME408 (PermReq) Selected Topics in Engineering Design; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 1110) Azarm, S

ENME412 (PermReq) Mechanical Design For Manufacturing and Production; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....8:00am- 8:50am (EGR 2154) STAFF

ENME414 (PermReq) Computer-Aided Design; Grade Method: REG/P-F/AUD; Design technical elective. Special permission required from instructor. — 3 credits
0201 MW.....5:00pm- 6:15pm (EGR 1102) STAFF

ENME422 (PermReq) Energy Conversion II; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....12:00pm-12:50pm (EGR 2112) Talaat, M

ENME423 (PermReq) Environmental Engineering; Grade Method: REG/P-F/AUD; Design technical elective. Prerequisite: ENME 321, ENME 315. — 3 credits
0101 MWF.....9:00am- 9:50am (EGR 2112) STAFF

ENME480 (PermReq) Engineering Experimentation; Grade Method: REG/P-F/AUD; Limited to May graduates. — 3 credits
0101 F.....1:00pm- 1:50pm (CHM 1402) STAFF
MW.....1:00pm- 3:30pm (CHE 2110) LAB

ENME488 (PermReq) Special Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Limited to mechanical engineering seniors. — 3 credits

ENME489 (PermReq) Special Topics in Mechanical Engineering; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ENME489F (PermReq) Special Topics in Mechanical Engineering: Finite Element Analysis; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 1126) STAFF

ENME489G (PermReq) Special Topics in Mechanical Engineering: Fluid Machinery; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 3108) STAFF

ENME489Q (PermReq) Special Topics in Mechanical Engineering: Manufacture of Polymer Products; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (EGR 3108) STAFF

ENME489R (PermReq) Special Topics in Mechanical Engineering: Robotics in Engineering; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 3108) STAFF

ENME600 (PermReq) Design with Advanced Technology; Grade Method: REG/AUD; — 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 2154) STAFF
0201 MW.....3:30pm- 4:45pm (EGR 3110) STAFF

ENME602 (PermReq) Computer-Aided Design; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 1106) Hammar, J

ENME612 (PermReq) Mechanical Packaging of Advanced Electronic Systems; Grade Method: REG/AUD; — 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 1106) STAFF

ENME615 (PermReq) Manufacturing Resource Planning Systems; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....6:30pm- 7:45pm (EGR 3110) Harhalakis, G

ENME632 (PermReq) Advanced Convection Heat Transfer; Grade Method: REG/AUD; — 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 2112) STAFF

ENME633 (PermReq) Advanced Classical Thermodynamics; Grade Method: REG/AUD; — 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 2112) STAFF

ENME652 (PermReq) Fundamentals of Fluid Mechanics II; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....6:30pm- 7:45pm (EGR 1102) STAFF

ENME655 (PermReq) Topics in Viscous Flow; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 0135) STAFF

ENME662 (PermReq) Linear Vibrations; Grade Method: REG/AUD; — 3 credits
0101 MW.....8:00am- 9:15am (EGR 1104) STAFF

ENME664 (PermReq) Dynamics; Grade Method: REG/AUD; — 3 credits
0101 MW.....6:30pm- 7:45pm (EGR 1108) STAFF

ENME670 (PermReq) Continuum Mechanics; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 3111) STAFF

ENME678 (PermReq) Fracture Mechanics; Grade Method: REG/AUD; — 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 3111) STAFF

ENME701 (PermReq) Advanced Mechanical Engineering Analysis II; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....6:30pm- 7:45pm (EGR 3106) STAFF

ENME703 (PermReq) Mechanical Engineering Laboratory; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....3:30pm- 6:00pm (EGR 1120) STAFF

ENME788X (PermReq) Seminar; Grade Method: REG/AUD; — 1-3 credits
0101 Time and room to be arranged STAFF

ENME799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENME808 (PermReq) Advanced Topics in Mechanical Engineering; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged STAFF

ENME808A (PermReq) Advanced Topics in Mechanical Engineering: Computational Methods in Fluid Mechanics; Grade Method: REG/AUD; — 3 credits

0101 MW.....6:30pm- 7:45pm (EGR 1126) STAFF

ENME808C (PermReq) Advanced Topics in Mechanical Engineering: Combustion; Grade Method: REG/AUD; 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 2112) STAFF

ENME899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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ENNU Engineering, Nuclear (Engineering)

ENNU215 (PermReq) Introduction to Nuclear Technology; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (CHE 2140) Mosleh, A

ENNU310 (PermReq) Environmental Aspects of Nuclear Engineering; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (CHE 2108) Duffey, D

ENNU320 (PermReq) Nuclear Reactor Operation; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....11:00am-11:50am (CHE 2110) Ebert, D
M.....4:30pm- 6:30pm (CHE 1308) LAB
0103 MW.....11:00am-11:50am (CHE 2110) Ebert, D
Th.....1:00pm- 3:00pm (CHE 1308) LAB
0104 MW.....11:00am-11:50am (CHE 2110) Ebert, D
Th.....4:00pm- 6:00pm (CHE 1308) LAB
0105 MW.....11:00am-11:50am (CHE 2110) Ebert, D
F.....9:00am-11:00am (CHE 1308) LAB

ENNU435 (PermReq) Activation Analysis; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (CHE 2145) Duffey, D

ENNU455 (PermReq) Nuclear Reactor Engineering II; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (CHE 2120) Almenas, K

ENNU460 (PermReq) Nuclear Heat Transport; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:30pm- 3:45pm (CHE 2136) Pertmer, G

ENNU465 (PermReq) Nuclear Reactor Systems Analysis; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (CHE 2118) Massoud, M

ENNU468 (PermReq) Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 2-3 credits

ENNU490 (PermReq) Nuclear Fuel and Power Management; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....4:45pm- 6:00pm (CHE 2108) Almenas, K

ENNU609 Seminar in Nuclear Engineering; Grade Method: REG/AUD; 1 credit
0101 Tu.....11:00am-11:50am (CHE 2117) Modarres, M

ENNU630 Nuclear Reactor Physics I; Grade Method: REG/AUD; 3 credits
0101 MW.....5:15pm- 6:30pm (CHE 2118) Lee, R

ENNU648C Special Problems in Nuclear Engineering: Advanced Reliability Engineering; Grade Method: REG/AUD; 3 credits
0101 W.....6:30pm- 9:00pm (ITV 1111) STAFF

ENNU648C Special Problems in Nuclear Engineering: Risk Assessment for Engineers; Grade Method: REG/AUD; 3 credits
0101 M.....6:30pm- 9:00pm (ITV 1111) Modarres, M

ENNU648D Special Problems in Nuclear Engineering: System Safety Engineering; Grade Method: REG/AUD; 3 credits
0101 Th.....6:30pm- 9:00pm (ITV 1111) Raheja, D

ENNU648E Special Problems in Nuclear Engineering: Reliability Engineering Seminar; Grade Method: REG/AUD; 1 credit
0101 F.....5:15pm- 6:15pm (ITV 1100) Roush, M

ENNU655 Radiation Engineering; Grade Method: REG; 3 credits
0101 Tu.....6:45pm- 9:30pm (CHE 2140) Silverman, J

ENNU761 Nuclear Fuel and Waste Processing; Grade Method: REG/AUD; 3 credits
0101 M.....6:30pm- 9:00pm (CHE 2136) Duffey, D

ENNU799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENNU899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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ENTM Entomology (Life Sciences)

ENTM100 Insects; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 MWF.....10:00am-10:50am (SYM 0200) Armstrong, E

ENTM205 Principles of Entomology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 4 credits
0101 MWF.....12:00pm-12:50pm (SYM 0200) Nelson, J
M.....2:00pm- 4:00pm (SYM 2303) LAB

ENTM252 Agricultural Insect Pests; Grade Method: REG/P-F/AUD; Prerequisite: one course in college biology. 3 credits
0101 MF.....9:00am- 9:50am (SYM 0200) Harrison, F
F.....10:00am-12:00pm (SYM 2303) LAB

ENTM351 Introduction to Insect Population Management; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (SYM 1308) Harrison, F

ENTM398 General Colloquium in Entomology; Grade Method: REG/P-F/AUD; 1 credit
0101 M.....4:00pm- 4:50pm (SYM 0200) STAFF

ENTM399 (PermReq) Special Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

ENTM424 Insect Collection and Identification; Grade Method: REG/P-F/AUD; 4 credits
0101 TuTh.....1:00pm- 4:00pm (SYM 2300) Messersmith, D

ENTM432 Insect Physiology; Grade Method: REG/P-F/AUD; 4 credits
0101 MWF.....8:00am- 8:50am (SYM 1308) Ma, M
F.....10:00am-12:00pm (SYM 2300) LAB

ENTM452 (PermReq) Insecticides; Grade Method: REG/P-F/AUD; 2 credits
0101 TuTh.....4:00pm- 5:00pm (SYM 1308) Menzer, R

ENTM612 Insect Ecology; Grade Method: REG/AUD; 3 credits
0101 MWF.....10:00am-10:50am (SYM 1308) Denno, R

ENTM652A Laboratory Methods in Toxicology; Grade Method: REG/AUD; 2 credits
0101 W.....1:00pm- 5:00pm (SYM 2300) Nelson, J

ENTM652B Laboratory Methods in Toxicology; Grade Method: REG/AUD; 1 credit
0101 Meets 01/24/89 - 03/15/89 STAFF
W.....1:00pm- 5:00pm (SYM 2300) LAB

ENTM654 Advanced Pest Management; Grade Method: REG/AUD; 4 credits
0101 MWF.....3:00pm- 3:50pm (SYM 1308) Lamp, W
Th.....9:00am-11:00am (SYM 2300) LAB

ENTM699 (PermReq) Advanced Entomology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENTM789 Field Experience in Pest Management; Grade Method: REG/AUD; 1-6 credits
0101 Time and room to be arranged Harrison, F
0201 Time and room to be arranged Dively II, G

ENTM798A Topic Seminar: Biosystematics and Morphology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Mitter, C

ENTM798B Topic Seminar: The Behavioral Ecology of Insects; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Dussourd, D

ENTM798D Topic Seminar: Insect and Pest Management; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Bottrell, D

ENTM799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENTM899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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FDSC Food Science (Agriculture)

FDSC386 Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged Schlimme, D

FDSC387 Field Work Analysis; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged Schlimme, D

FDSC398 Seminar; Grade Method: REG; FDSC majors only. 1 credit
0101 Time and room to be arranged STAFF

FDSC399 (PermReq) Special Problems in Food Science; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

FDSC412 Principles of Food Processing I; Grade Method: REG/AUD; 3 credits
0101 MW.....2:00pm- 2:50pm (HZF 1108) STAFF
W.....3:00pm- 5:00pm (HZF 0113) LAB

FDSC422 Food Product Research and Development; Grade Method: REG/AUD; 3 credits
0101 W.....10:00am-12:00pm (HZF 0113B) Schlimme, D
F.....10:00am-12:00pm (HZF 0113B) LAB

FDSC430 Food Microbiology; Grade Method: REG/AUD; 2 credits
0101 Th.....9:30am-10:45am (ANS 1109) Westhoff, D

FDSC434 Food Microbiology Laboratory; Grade Method: REG/AUD; 2 credits
0101 TuTh.....12:00pm- 2:00pm (ANS 1150) LAB Westhoff, D

FDSC461 Technology of Market Eggs and Poultry; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....12:00pm-12:50pm (ANS 1109) Heath III, J
F.....12:00pm- 2:00pm (ANS 1150) LAB

FDSC689P Seminar in Food Science: Aseptic Processing and Packing; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:00pm- 8:45pm (HZF 1108) Chandarana, D

FDSC698 Colloquium in Food Science; Grade Method: REG; Majors only. 1 credit
0101 Tu.....4:00pm- 4:50pm (HZF 1108) Heath III, J

FDSC699 (PermReq) Special Problems in Food Science; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

FDSC799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FDSC899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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FMCD Family and Community Development (Human Ecology)

FMCD105 The Individual in the Family; Grade Method: REG/P-F/AUD; For freshmen and sophomores only. 3 credits
0101 MWF.....10:00am-10:50am (ARM 0112) Randolph, S

FMCD202 Methods for Family, Community and Management Studies; Grade Method: REG/P-F/AUD; (Formerly FMCD 270.) 3 credits
0101 TuTh.....9:30am-10:45am (CHM 0115) Anderson, E

FMCD250 Decision Making in Families and Communities; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 Tu.....6:00pm- 8:45pm (KEY 0106) STAFF

FMCD260 Interpersonal Life Styles; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (ARM 0112) Rubin, R

FMCD330 Family Patterns; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (ARM 0117) Randolph, S
0201 TuTh.....2:00pm- 3:15pm (ARM 0117) Leslie, L

FMCD332 The Child in the Family; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100 or SOCY 100. For juniors and seniors only. 3 credits
0101 TuTh.....11:00am-12:15pm (ARM 0116) Koblinsky, S

FMCD348 (PermReq) Practicum in Family and Community Development; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Advance written application. Student must arrange schedule to enable appropriate time blocks for experience. Concurrent enrollment in 1-credit of FMCD 349 required with registration in FMCD 348. May be repeated in subsequent semesters in other credit combinations, but must be taken with FMCD 349. Students are encouraged to find internship placements that permit a 12-36 hour per week involvement. Appropriate credits will be rewarded. 4 credits

FMCD349 (PermReq) Analysis of Practicum: Analysis of Internship; Grade Method: REG/P-F/AUD; Advance written application required. Enrollment for one-credit required with first registration in FMCD 348. May be repeated in subsequent semesters, but must be taken with FMCD 348. 1 credit
0101 Tu.....1:00pm- 3:00pm (MMH 1206) Millstein, F

FMCD370 Interpersonal Communication Processes; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....10:00am-12:45pm (MMH 1206) Millstein, F

FMCD381 Poverty and Affluence Among Families and Communities; Grade Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARM 0112) Koblinsky, S

FMCD386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with FMCD 387. 1-3 credits

FMCD387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with FMCD 386. 1-3 credits

FMCD399 (PermReq) Independent Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FMCD430 Gender Role Development in the Family; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (ARM 0116) Rubin, R

FMCD431 Family Crises and Intervention; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Seniors and graduate students. Juniors by instructor's permission only. 3 credits
0101 TuTh.....2:00pm- 3:15pm (MMH 1400) Epstein, N

FMCD441 Personal and Family Finance; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (MMH 0108) Churaman, C
0201 MWF.....10:00am-10:50am (MMH 0108) Churaman, C

FMCD443 Consumer Problems; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (MMH 1206) Churaman, C

FMCD444 Human and Community Program Management; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....5:00pm- 7:45pm (WDS 1130) STAFF

FMCD485 Introduction to Family Counseling; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....11:00am- 2:00pm (MMH 1206) Werlinich, C

FMCD487 Legal Aspects of Family Problems; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (MMH 1400) Myricks, N

FMCD497 The Child and the Law; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (ARM 0110) Myricks, N

FMCD499Y Special Topics: Evaluation of Family and Community Development Programs; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....5:00pm- 7:45pm (MMH 1206) Anderson, E

FMCD604 (PermReq) Integrative Aspects of Family and Community Development; Grade Method: REG/AUD; 3 credits
0101 Th.....2:00pm- 5:00pm (MMH 1206) Gaylin, N

FMCD641 (PermReq) The Dynamics of Couple Therapy; Grade Method: REG/AUD; 3 credits
0101 Th.....9:00am-11:45am (MMH 1210) Epstein, N

FMCD651 (PermReq) Clinical Practicum in Family Therapy I; Grade Method: REG/AUD; 3 credits
0101 Tu.....9:00am-11:45am (MMH 1210) Leslie, L

FMCD653 (PermReq) Clinical Practicum in Family Therapy III; Grade Method: REG/AUD; 3 credits
0101 Tu.....9:00am-11:45am (MMH 1206) Gaylin, N

FMCD661 Evaluation of Family and Community Development Programs; Grade Method: REG/AUD; 3 credits
0101 W.....5:00pm- 7:45pm (MMH 1206) Anderson, E

FMCD691 (PermReq) Family-Community Consultation; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Gaylin, N

FMCD698 (PermReq) Advanced Topics in Family and Community Development; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must have written permission of faculty member and chairperson. 1-3 credits

FMCD698C (PermReq) Advanced Topics in Family and Community Development: Cultural Diversity and the American Family; Grade Method: REG/AUD; 1-3 credits
0101 Time and room to be arranged STAFF

FMCD698W (PermReq) Advanced Topics in Family and Community Development: Human and Community Program Management; Grade Method: REG/AUD; 1-3 credits
0101 M.....5:00pm- 7:45pm (WDS 1131) STAFF

FMCD699 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FMCD699S Independent Study: Theory and Practice of Clinical Supervision; Grade Method: REG/AUD; 1-6 credits
0101 Time and room to be arranged Gaylin, N

FMCD799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Must have written permission of faculty member and chairperson. 1-6 credits

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FOLA Foreign Language (Arts and Humanities)

FOLA129 (PermReq) Introductory Middle Eastern Languages II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (KEY 0107) Stowasser, K

SELF-INSTRUCTIONAL LANGUAGE PROGRAM. The program is essentially self-instructional. The student supplies a blank tape and in return receives a recorded tape with the week's lessons. There is also a manual designed for self-instruction which the student is required to purchase. A native-speaking tutor will be assigned to drill the student in the material learned from the tape and the accompanying manual. Every effort will be made to arrange drill sessions at times suitable to all participants in the program. Attendance at drill sessions is required of all students. There will be one final examination administered by a qualified examiner appointed by the director. The entire semester's grade will derive from this examination. Enrollment in the program is strictly limited. Application forms available in JMZ 4117. Mandatory orientation and scheduling meeting will be held at beginning of semester. Details posted outside JMZ 3122.

FOLA138A (PermReq) Directed Study of a Foreign Language I: Elementary Hungarian; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Yaramanoglu, N

FOLA138C (PermReq) Directed Study of a Foreign Language I: Modern Greek I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged Yaramanoglu, N

FOLA138D (PermReq) Directed Study of a Foreign Language I: Dutch I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meetings will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged Yaramanoglu, N

FOLA138K (PermReq) Directed Study of a Foreign Language I: Persian I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged Yaramanoglu, N

FOLA138P (PermReq) Directed Study of a Foreign Language I: Hindi I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits

0101 Time and room to be arranged Yaramanoglu, N

FOLA138R (PermReq) Directed Study of a Foreign Language I: Turkish I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged Yaramanoglu, N
Time and room to be arranged

FOLA138S (PermReq) Directed Study of a Foreign Language I: Egyptian Arabic I; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. 3 credits
0101 Time and room to be arranged Yaramanoglu, N

FOLA139A (PermReq) Directed Study of a Foreign Language II: Hungarian II; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. 3 credits
0101 Time and room to be arranged Yaramanoglu, N

FOLA139C (PermReq) Directed Study of a Foreign Language II: Modern Greek II; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 138C or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged Yaramanoglu, N

FOLA139D (PermReq) Directed Study of a Foreign Language II: Dutch II; Grade Method: REG/P-F/AUD; By permission only. Prerequisite: FOLA 138D or consent of director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged Yaramanoglu, N

FOLA139F (PermReq) Directed Study of a Foreign Language II: Polish II; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 138F or consent of director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB STAFF

FOLA139K (PermReq) Directed Study of a Foreign Language II: Persian II; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 138K or consent of director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB STAFF

FOLA139P (PermReq) Directed Study of a Foreign Language II: Hindi II; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 138P or consent of director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instrucional Program. 3 credits
0101 Time and room to be arranged Yaramanoglu, N

FOLA139R (PermReq) Directed Study of a Foreign Language II: Turkish II; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 138R or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged Yaramanoglu, N
Time and room to be arranged

FOLA139S (PermReq) Directed Study of a Foreign Language II: Egyptian Arabic II; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 138S or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB STAFF

FOLA148C (PermReq) Directed Study of a Foreign Language III: Modern Greek III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 139C or FOLA 158C or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB STAFF

FOLA148P (PermReq) Directed Study of a Foreign Language III: Hindi III; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 139P or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB STAFF

FOLA149A (PermReq) Directed Study of a Foreign Language IV: Hungarian IV; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 148A or consent of director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB STAFF

FOLA149C (PermReq) Directed Study of a Foreign Language IV: Modern Greek IV; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 148C or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged Yaramanoglu, N

FOLA149D (PermReq) Directed Study of a Foreign Language IV: Dutch IV; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 148D or consent of director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB STAFF

FOLA149F (PermReq) Directed Study of a Foreign Language IV: Polish IV; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 148F or consent of program director. All students planning to take this course must complete application (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB STAFF

FOLA149P (PermReq) Directed Study of a Foreign Language IV: Hindi IV; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 148P or consent of director. All students planning to take this course must complete application form(available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB STAFF

FOLA149Q (PermReq) Directed Study of a Foreign Language IV: Norwegian IV; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 148Q or consent of director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged Yaramanoglu, N

FOLA149U (PermReq) Directed Study of a Foreign Language IV: Korean IV; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 148U or consent of director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged Yaramanoglu, N

FOLA158C (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Modern Greek; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged Yaramanoglu, N

FOLA158D (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Dutch; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged LAB STAFF

FOLA158F (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Polish; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged LAB STAFF

FOLA158K (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Persian; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged LAB STAFF

FOLA158P (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Hindi; Grade Method: REG/P-F/AUD; Students may register for FOLA 158P or 158X, not both. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged Yaramanoglu, N

FOLA158R (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Turkish; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged LAB STAFF

FOLA158X (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Urdu; Grade Method: REG/P-F/AUD; Students may register for FOLA 158X or 158P, not both. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged LAB STAFF
Time and room to be arranged LAB

FOLA159C (PermReq) Directed Study of a Foreign Language (Intensive) II; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged Yaramanoglu, N

FOLA159P (PermReq) Directed Study of a Foreign Language (Intensive) II: Intermediate Hindi; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged Yaramanoglu, N
Time and room to be arranged

FOLA159U (PermReq) Directed Study of a Foreign Language (Intensive) II: Intermediate Korean; Grade Method: REG/P-F/AUD; All students planning to take this course must complete application (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged Yaramanoglu, N

FOLA159X (PermReq) Directed Study of a Foreign Language (Intensive) II: Intermediate Urdu; Grade Method: REG/P-F/AUD; Prerequisite: FOLA 158X or 158P or consent of program director. All students planning to take this course must complete an application (available in JMZ 4117). Mandatory orientation meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged LAB STAFF
Time and room to be arranged LAB

FOLA329 Advanced Middle Eastern Languages II; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....12:00pm- 1:15pm (KEY 1118) Stowasser, K

FOLA386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged Yaramanoglu, N

FOLA387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged Yaramanoglu, N

FOLA389C Foreign Civilization: The Age of Chivalry; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 3205) Fleck, J

FOLA389G Foreign Civilization: German Civilization II; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 3205) Herin, C

FOLA389V Foreign Civilization: The Viking Era; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 2206) Fleck, J

FOLA408T Foreign Language I; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Mossman, C

FOLA409 Foreign Language II: Sanskrit II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 3205) Fleck, J

FOLA459S Foreign Literature in Translation: Masterpieces of Scandinavian Literature; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 1109) Oster, R

FOLA459Y Foreign Literature in Translation: Masterpieces of Yiddish Literature; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 3207) Bilik, D

FOOD Food (Human Ecology)

FOOD110 Food for People; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (SYM 0200) STAFF

FOOD240 (PermReq) Science of Food I; Grade Method: REG/P-F/AUD; Pre or corequisite: CHEM 104 or CHEM 233. 3 credits
0101 TuTh.....10:00am-10:50am (ARM 0108) Curtis, S
W.....2:00pm- 5:00pm (MMH 3401) LAB

FOOD250 (PermReq) Science of Food II; Grade Method: REG/P-F/AUD; For department majors only. Prerequisite: FOOD 240. 3 credits
0101 TuTh.....12:00pm-12:50pm (MMH 0108) Curtis, S
M.....2:00pm- 5:00pm (MMH 3401) LAB
0102 TuTh.....12:00pm-12:50pm (MMH 0108) Curtis, S
Th.....2:00pm- 5:00pm (MMH 3401) LAB

FOOD630 Sensory Evaluation of Foods; Grade Method: REG/AUD; 3 credits
0101 M.....6:00pm- 8:45pm (MMH 3407) Gillette, M

FOOD660 Research Methods; Grade Method: REG/AUD; Prerequisite: statistics course. 3 credits
0101 MW.....4:00pm- 5:15pm (MMH 3418) Prather, M

FOOD670 Food-Related Behavior of the Individual; Grade Method: REG/AUD; 3 credits
0101 TuTh.....6:30pm- 7:45pm (MMH 3418) Castonguay, T

FOOD678P Special Topics in Foods: Food Proteins; Grade Method: REG/AUD; 3 credits
0101 W.....6:00pm- 8:45pm (MMH 0108) Choi, Y

FOOD688 Seminar; Grade Method: REG/AUD; 1 credit
0101 Tu.....4:00pm- 4:50pm (MMH 3418) Williams, E

FOOD789 Non-Thesis Research; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

FOOD799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FOOD888 Doctoral Seminar; Grade Method: REG/AUD; 1 credit
0101 F.....2:00pm- 4:00pm (MMH 0108) Read, M

FOOD899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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FREN French (Arts and Humanities)

Please note: a booklet fully describing courses to be offered is available in the office of the Department of French and Italian, 3106 Ramon Jimenez Building.

FREN101 Elementary French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Limited to students according to conditions described in the "Foreign Language Placement" section in this schedule. Students must show high school transcript. 4 credits
0101 MWThF.....8:00am- 8:50am (JMZ 3118) STAFF
0201 MWF.....9:00am- 9:50am (JMZ 2122) STAFF
Th.....9:00am- 9:50am (JMZ 1226)
0301 MWF.....9:00am- 9:50am (JMZ 0118) STAFF
Th.....9:00am- 9:50am (JMZ 0122)
0401 MWThF.....11:00am-11:50am (JMZ 0118) STAFF
0501 MWF.....12:00pm-12:50pm (JMZ 0118) STAFF
Th.....12:00pm-12:50pm (JMZ 0125)
0601 MWThF.....1:00pm- 1:50pm (JMZ 0118) STAFF

FREN102 Elementary French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Open only to students who have completed French 101 on this campus, or by permission of course chairperson. 4 credits
0201 MWThF.....9:00am- 9:50am (JMZ 0125) STAFF
0401 MWF.....11:00am-11:50am (JMZ 1104) STAFF
M.....9:00am- 9:50am (JMZ 3120)
0501 MWF.....1:00pm- 1:50pm (JMZ 0125) STAFF
Th.....1:00pm- 1:50pm (JMZ 0125)
0601 MW.....2:00pm- 4:00pm (JMZ 0125) STAFF

FREN102H Elementary French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Open only to students who have completed FREN 101 on this campus, or by permission of the course chairperson. 4 credits
0101 MWF.....10:00am-10:50am (JMZ 3118) STAFF
F.....9:00am- 9:50am (JMZ 3120) DIS

FREN103 Review of Elementary French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Limited to students according to conditions described in the "Foreign Language Placement" section in this schedule. Students must show high school transcript. 4 credits
0201 MWThF.....8:00am- 8:50am (JMZ 0118) STAFF
0301 MWF.....9:00am- 9:50am (JMZ 0103) STAFF
Th.....9:00am- 9:50am (JMZ 0118)
0401 MWF.....12:00pm-12:50pm (JMZ 2120) STAFF
Th.....12:00pm-12:50pm (JMZ 1120)
0601 MW.....2:00pm- 4:00pm (JMZ 2125) Brami, J

FREN203 Intermediate French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Limited to students according to conditions described in the "Foreign Language Placement" section in this schedule. Students must show high school transcript. 4 credits
0101 MWThF.....8:00am- 8:50am (JMZ 2120) STAFF
0201 MWF.....10:00am-10:50am (JMZ 0125) STAFF
Th.....10:00am-10:50am (JMZ 0125)
0301 MWF.....12:00pm-12:50pm (JMZ 0120) STAFF
Th.....12:00pm-12:50pm (JMZ 0118)
0401 MWThF.....1:00pm- 1:50pm (JMZ 0122) STAFF
0501 MW.....2:00pm- 4:00pm (JMZ 2123) STAFF
0601 MW.....7:00pm- 9:00pm (JMZ 2120) STAFF

FREN203H Intermediate French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits
0101 TuTh.....2:00pm- 4:00pm (JMZ 3120) Jacoby, B

FREN204 Review Grammar and Composition; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 3120) Ancekewicz, E
0201 TuTh.....11:00am-12:15pm (JMZ 2125) STAFF
0301 MWF.....2:00pm- 2:50pm (JMZ 2120) STAFF

FREN211 Intermediate Conversation; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....8:00am- 8:50am (JMZ 3120) STAFF
0201 MWF.....12:00pm-12:50pm (JMZ 3120) Bondurant, D
0301 TuTh.....9:30am-10:45am (JMZ 3120) STAFF

FREN250 Readings in French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 0125) Black, C
0201 MWF.....1:00pm- 1:50pm (JMZ 2125) Demaitre, A
0301 MWF.....1:00pm- 1:50pm (JMZ 2123) Mossman, C

FREN250H Readings in French; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Honors. 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 0125) Black, C
0201 MWF.....1:00pm- 1:50pm (JMZ 2125) Demaitre, A
0301 MWF.....1:00pm- 1:50pm (JMZ 2123) Mossman, C

FREN301 Composition and Style; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2120) Brami, J
0201 TuTh.....11:00am-12:15pm (JMZ 1125) STAFF

FREN302 Introduction to Translation; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 3120) Hage, M

FREN311 French Conversation: Contemporary Issues; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 0118) STAFF
0201 TuTh.....11:00am-12:15pm (JMZ 2122) Verdaguer, P

FREN312 French Conversation: Current Cultural Events; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 2102) Barrabini, M
0201 TuTh.....11:00am-12:15pm (JMZ 2120) Fink, B

FREN340 Modern French Literature in Translation; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....11:00am-11:50am (JMZ 0125) Ancekewicz, E

FREN351 French Literature From the Revolution to the Present; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 2125) Demaitre, A

FREN351H French Literature From the Revolution to the Present; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Honors. 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 2125) Demaitre, A

FREN352 French Literature From the Middle Ages to the Revolution; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 2206) Black, C

FREN352H French Literature From the Middle Ages to the Revolution; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Honors. 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 2206) Black, C

FREN386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

FREN387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

FREN398 (PermReq) Practicum in Spoken French; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Supervised conversation under professor of student's choice with consent of instructor. Contact department for details. Prerequisite: FREN 312 or permission of department chairman. 1 credit

FREN399 (PermReq) Directed Study in French; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Supervised work under professor of student's choice with consent of instructor. Contact department for details. 1-3 credits

FREN402 Advanced Grammar and Phonetics; Grade Method: REG/P-F/AUD; Prerequisite: FREN 301. 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 2123) Joseph, J

FREN404 Advanced Conversation in French; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 2120) Barrabini, M

FREN439 Studies in 17th Century French Literature: Theater; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 2125) Black, C

FREN439H Studies in 17th Century French Literature: Theater; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 2125) Black, C

FREN449 Studies in 18th Century French Literature: The Enlightenment; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 3118) Therrien, M

FREN449H Studies in 18th Century French Literature: The Enlightenment; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 3118) Therrien, M

FREN469 Studies in 20th Century French Literature: Expe'neuces Poe'tiques Contemporaiues; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (JMZ 3118) Brami, J

FREN473 Contemporary French Society; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 2122) Verdaguer, P

FREN473H Contemporary French Society; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 2122) Verdaguer, P

FREN475 French Cinema: A Cultural Approach; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-11:30am (JMZ 0105) Hage, M

FREN479A Masterworks of French Literature in Translation: The Age of Anxiety - The Literature of Existentialism and the Absurd; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....11:00am-11:50am (JMZ 2123) Tarica, R

FREN494H (PermReq) Honors Independent Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

FREN495H (PermReq) Honors Thesis Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

FREN498F Special Topics in French Literature: French Cinema: A Cultural Approach; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-11:30am (JMZ 0105) Hage, M
Tu.....2:00pm- 2:50pm (JMZ 2102) DIS

FREN499 Special Topics in French Studies; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged STAFF

FREN603 Stylistics; Grade Method: REG/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 3118) Fink, B

FREN679 The History of Ideas in France: The Novel in France; Grade Method: REG/AUD; 3 credits
0101 W.....2:00pm- 4:30pm (JMZ 3118) Therrien, M

FREN699 Seminar: Literary Criticism; Grade Method: REG/AUD; 3 credits
0101 M.....3:00pm- 5:30pm (JMZ 3118) Mossman, C

FREN702 (PermReq) Structural French Linguistics; Grade Method: REG/AUD; 3 credits
0101 Th.....5:00pm- 7:40pm (JMZ 3118) Joseph, J

FREN709 College Teaching of French; Grade Method: S-F; 1 credit
0101 Tu.....2:00pm- 3:00pm (JMZ 3118) Verdaguer, P

FREN798 (PermReq) Master's Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

FREN799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FREN818 French Literary Criticism; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

FREN898 (PermReq) Doctoral Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

FREN899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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FSAD Foodservice Administration (Human Ecology)

FSAD350 (PermReq) Foodservice Operations I; Grade Method: REG/P-F/AUD; Prerequisite: FOOD 250; pre- or corequisite: FSAD 300. 5 credits
0101 MWF.....9:00am- 9:50am (MMH 3418) Noble, J
Tu.....8:00am- 1:00pm (MMH 3108) LAB
0102 MWF.....9:00am- 9:50am (MMH 3418) Noble, J
Th.....8:00am- 1:00pm (MMH 3108) LAB

FSAD355 Foodservice Operations II; Grade Method: REG/P-F/AUD; Prerequisite: FSAD 350. Offered spring semester only. 4 credits
0101 W.....10:00am-12:00pm (MMH 3112) Norton, V
Tu.....8:00am- 1:00pm (MMH 3112) LAB
0102 W.....10:00am-12:00pm (MMH 3112) Norton, V
Th.....8:00am- 1:00pm (MMH 3112) LAB

FSAD440 Foodservice Personnel Administration; Grade Method: REG/P-F/AUD; Prerequisite: FSAD 350. Offered spring semesters only. 2 credits
0101 TuTh.....1:00pm- 1:50pm (MMH 0108) Norton, V

FSAD480 (PermReq) Practicum in Foodservice Administration; Grade Method: S-F; 3 credits
0101 F.....2:00pm- 5:00pm (MMH 3418) Norton, V

FSAD490 (PermReq) Special Problems in Foodservice; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 2-3 credits

FSAD498 (PermReq) Selected Topics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

FSAD610 Readings in Food Administration; Grade Method: REG/AUD; 3 credits
0101 M.....6:00pm- 8:45pm (MMH 3418) Noble, J

FSAD660 Research Methods; Grade Method: REG/AUD; Prerequisite: statistics course. 3 credits
0101 MW.....4:00pm- 5:15pm (MMH 3418) Prather, M

FSAD675 Advanced Administrative Dietetics; Grade Method: REG/AUD; Open to Walter Reed Army dietetic interns only. 3 credits
0101 Time and room to be arranged Patterson, R

FSAD678A (PermReq) Selected Topics in Foodservice Administration: Individual Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FSAD688 Seminar; Grade Method: REG/AUD; 1 credit
0101 Tu.....4:00pm- 4:50pm (MMH 3418) Williams, E

FSAD789 Non-Thesis Research; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

FSAD799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FSAD888 Doctoral Seminar; Grade Method: REG/AUD; 1 credit
0101 F.....2:00pm- 4:00pm (MMH 0108) Read, M

FSAD899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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GEOG Geography (Behavior & Social Sci)

GEOG140 Coastal Environments; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 2205) Leatherman, S

GEOG150 World Cities; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 2205) Harper, R

GEOG170 Maps and Map Use; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies Non-lab Science and Mathematics requirement. If taken with GEOG 171, course may be counted as lab science requirement. 3 credits
0101 Tu.....4:00pm- 6:40pm (LEF 2205) Lai, P

GEOG171 Maps and Map Use Laboratory; Grade Method: REG/P-F/AUD; One two-hour lab per week. Pre or co-requisite: GEOG 170. 1 credit
0101 Time and room to be arranged LAB STAFF

GEOG201 Geography of Environmental Systems; Grade Method: REG/P-F/AUD; Course meets University Studies Program Distributive Studies (B) non-lab science and mathematics requirement. If taken with Geog 211, course may be counted as lab science requirement. 3 credits
0101 MWF.....11:00am-11:50am (SKN 0124) Kearney, M

GEOG202 The World in Cultural Perspective; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....9:00am- 9:50am (LEF 1222) Brown, D

GEOG203 Economic Geography; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....10:00am-10:50am (LEF 1221) Brodsky, H

GEOG211 Geography of Environmental Systems Laboratory; Grade Method: REG/P-F/AUD; Prerequisite or co-requisite: GEOG 201 or GEOL 120. One two-hour lab per week. 1 credit
0101 Tu.....11:00am- 1:00pm (TYD 2140) LAB STAFF
0201 F.....9:00am-11:00am (TYD 2140) LAB STAFF
0301 F.....1:00pm- 3:00pm (TYD 2140) LAB STAFF

GEOG305 Quantitative Methods in Geography; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (LEF 1222) Yu, F

GEOG310 Research and Writing in Geography; Grade Method: REG/AUD; Course satisfies English 391 composition requirement. Geography majors only. Co-requisite or prerequisite: GEOG 305. 3 credits
0101 W.....2:00pm- 4:40pm (LEF 1221) Christian, C

GEOG320 North America; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 2208) Mitchell, R

GEOG323 South America; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 1222) Chaves, A

GEOG324 Europe; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 0101) Groves, P

GEOG325 Soviet Union; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....9:30am-10:45am (SHM 2102) Harper, R

GEOG340 Geomorphology; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (LEF 2208) Leatherman, S

GEOG370 Principles of Cartography; Grade Method: REG/AUD; 3 credits
0101 Th.....4:00pm- 6:40pm (LEF 1138) Wiedel, J
Time and room to be arranged LAB

GEOG372 Remote Sensing; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....12:00pm- 2:00pm (LEF 1138) Goward, S
W.....12:00pm- 2:00pm (LEF 1138) LAB
0102 M.....12:00pm- 2:00pm (LEF 1138) Goward, S
F.....12:00pm- 2:00pm (LEF 1138) LAB

GEOG373 Computer Mapping; Grade Method: REG/P-F/AUD; Prerequisite: GEOG 370 or CMSC 110 or permission of instructor. 3 credits
0101 W.....6:30pm- 9:10pm (LEF 1221) Trainor, T

GEOG384 (PermReq) Internship in Geography; Grade Method: REG/P-F/AUD; Prerequisite: GEOG 305, 310 and permission of instructor. Co-requisite: GEOG 385. 3 credits
0101 Time and room to be arranged Cirrincione, J

GEOG385 (PermReq) Internship Research Paper; Grade Method: REG/P-F/AUD; Prerequisite: GEOG 305,310 and permission of instuctor. Co-requisite: GEOG 384. 3 credits
0101 Time and room to be arranged Cirrincione, J

GEOG398 Honors Research; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Corey, K

GEOG399 Honors Thesis; Grade Method: REG/P-F/AUD; Prerequisite: GEOG 398. 3 credits
0101 Time and room to be arranged Corey, K

GEOG411 19th Century North America; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 1220) Groves, P

GEOG471 Cartographic Production; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....4:00pm- 6:40pm (LEF 1138) Wiedel, J

GEOG482 Geographic Information Systems; Grade Method: REG/P-F/AUD; Prerequisite: GEOG 373 or consent of instructor. Starting Fall 1987, this course is a prerequisite for GEOG 696. 3 credits
0101 MW.....4:00pm- 5:15pm (LEF 1124) Thompson, D

GEOG498 (PermReq) Topical Investigations: Selected Topics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

GEOG498B Topical Investigations: Biogeography; Grade Method: REG/P-F/AUD; Restricted to geography graduate students. Seniors must have permission of instructor. Final exam to be given on May 22 at 4pm. 2 credits
0101 Meets 03/01/89 - 05/15/89 Prince, S
W.....4:30pm- 7:00pm (LEF 1201)

GEOG498E (PermReq) Topical Investigations: Geographic Education and Computer Technology; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....7:00pm- 9:40pm (LEF 1108) Thompson, D

GEOG498G (PermReq) Topical Investigations: Computer Graphics on the Micro Computer; Grade Method: REG/P-F/AUD; See instructor in room 0218 Lefrak to develop individual learning contract. Short course format. 1-3 credits
0101 M.....1:30pm- 4:00pm (LEF 1124) Eney, A

GEOG605 (PermReq) Quantitative Spatial Analysis; Grade Method: REG/AUD; Prerequisite: GEOG 305 or equivalent and GEOG 483, sections 0101 or 0201, or consent of instructor/department. 3 credits
0101 W.....7:00pm- 9:40pm (LEF 1179) Brodsky, H

GEOG610 (PermReq) Research Tutorial; Grade Method: REG/AUD; Prerequisite: GEOG 600. 1 credit
0101 Th.....4:00pm- 6:40pm (LEF 1179) Kearney, M

GEOG618F Seminar in Geomorphology: Fluvial Geomorphlogy; Grade Method: REG/AUD; Prerequisite: GEOG 340 or GEOL 340 or permission of instruction. 3 credits
0101 Th.....7:00pm- 9:40pm (LEF 1179) Marcus, W

GEOG658R (PermReq) Seminar in Historical Geography: The Regionalization Process; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:40pm (LEF 2166) Mitchell, R

GEOG788R Selected Topics in Geography: Remote Sensing Seminar; Grade Method: REG/AUD; Prerequisite: GEOG 480 or equivalent. 3 credits
0101 M.....7:00pm- 9:40pm (LEF 1179) Goward, S

GEOG789 (PermReq) Independent Readings; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

GEOG790 (PermReq) Internship in Geography; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

GEOG798 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

GEOG799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

GEOG899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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GEOL Geology (Comp, Math, & Phys Sci)

GEOL100 Physical Geology; Grade Method: REG/P-F/AUD; Course meets University Studies Program Distributive Studies non-lab science and mathematics requirement. If taken with GEOL 110, course may be counted as lab science requirement. 3 credits
0101 MWF.....1:00pm- 1:50pm (HJP 0226) Siegrist Jr, H
0201 TuTh.....12:30pm- 1:45pm (HJP 0226) Ridky, R

GEOL102 Historical Geology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (HJP 1229) Stifel, P

GEOL110 Physical Geology Laboratory; Grade Method: REG/P-F; 1 credit
0101 M.....9:00am-12:00pm (GEO 2106) LAB STAFF
0201 M.....1:00pm- 4:00pm (GEO 2106) LAB STAFF
0301 Tu.....9:00am-12:00pm (GEO 2106) LAB STAFF
0401 Tu.....1:00pm- 4:00pm (GEO 2106) LAB STAFF
0501 Th.....9:00am-12:00pm (GEO 2106) LAB STAFF
0601 Th.....1:00pm- 4:00pm (GEO 2106) LAB STAFF

GEOL112 Historical Geology Laboratory; Grade Method: REG/P-F; 1 credit
0101 W.....10:00am- 1:00pm (GEO 2106) LAB STAFF

GEOL120 Environmental Geology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 MWF.....8:00am- 8:50am (HJP 0226) Segovia, A

GEOL210 Gems and Gemstones; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (HJP 0226) Siegrist Jr, H

GEOL301 Evolution in Geology; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (GEO 1120) Candela, P

GEOL322 Mineralogy; Grade Method: REG/P-F; 4 credits

0101 TuTh.....8:00am- 8:50am (HJP 0226) Chang, L
Tu.....9:30am-12:30pm (GEO 2107) LAB

GEOL341 Structural Geology; Grade Method: REG/P-F; 4 credits
0101 TuTh.....2:00pm- 3:15pm (HBK 0105) McLellan, E
W.....2:00pm- 5:00pm (GEO 2113) LAB

GEOL342 Sedimentation; Grade Method: REG/P-F/AUD; 4 credits
0101 TuTh.....9:30am-10:45am (GEO 1120) Siegrist Jr, H
M.....1:00pm- 4:00pm (GEO 2117) LAB

GEOL393 Technical Writing for Geoscientists; Grade Method: REG/P-F; 3 credits
0101 TuTh.....4:00pm- 5:30pm (HBK 1108) Stifel, P

GEOL394 Research Problems in Geology; Grade Method: REG/P-F; 3 credits
0101 TuTh.....4:00pm- 5:30pm (HBK 1108) Stifel, P

GEOL432 Stratigraphic Paleontology; Grade Method: REG; 3 credits
0101 MW.....12:00pm- 1:00pm (GEO 1120) Stifel, P
F.....2:00pm- 5:00pm (GEO 2107) LAB

GEOL451 Groundwater Geology; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (GEO 1120) Segovia, A

GEOL475 General Oceanography; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....6:00pm- 9:00pm (GEO 1120) Orem, W

GEOL499 (PermReq) Special Problems in Geology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

GEOL499A Special Problems in Geology: Glacial and Quartenary Geology; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Ridky, R

GEOL499B Special Problems in Geology: Hydrogeology; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....7:00pm-10:00pm (GEO 2107) STAFF

GEOL632 Biostratigraphy and Paleoecology; Grade Method: REG; 3 credits
0101 MW.....12:00pm- 1:00pm (GEO 1120) Stifel, P
F.....2:00pm- 5:00pm (GEO 2107) LAB

GEOL643 Igneous Petrology; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged STAFF

GEOL660 Glacial and Quaternary Geology; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Ridky, R

GEOL789A Recent Advances in Geology: Advanced Geochemistry Seminar; Grade Method: REG; 2-3 credits
0101 Th.....3:00pm- 6:00pm (GEO 1120) Candela, P

GEOL789B Recent Advances in Geology: Experimental Petrology; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Weidner, J ,

GEOL789F Recent Advances in Geology: Pressure/Temperature: Fluid Histories of Metamorphic Rock; Grade Method: REG/AUD; 3 credits
0101 M.....2:00pm- 5:00pm (GEO 1120) McLellan, E

GEOL798 (PermReq) Seminar in Geology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1 credit

GEOL799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

GEOL899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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GERM German (Arts and Humanities)

GERM101 Elementary German I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; This course replaces GERM 111. 4 credits
0101 MTuWF.....8:00am- 8:50am (JMZ 0204) STAFF
0201 MTuWF.....9:00am- 9:50am (JMZ 0204) STAFF
0301 MWF.....10:00am-10:50am (JMZ 0204) STAFF
Tu.....10:00am-10:50am (JMZ 3118)
0401 MTuWF.....11:00am-11:50am (JMZ 0204) STAFF
0501 MTuWF.....12:00pm-12:50pm (JMZ 0204) STAFF
0601 MTuWF.....1:00pm- 1:50pm (JMZ 0204) STAFF
0701 MWF.....11:00am-11:50am (TWS 0135) STAFF
Tu.....11:00am-11:50am (JMZ 3118)

GERM102 Elementary German II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; This course replaces GERM 112. 4 credits
0101 MWThF.....8:00am- 8:50am (JMZ 3203) STAFF
0201 MWF.....9:00am- 9:50am (JMZ 1122) STAFF
Th.....9:00am- 9:50am (JMZ 1224)
0301 MWF.....10:00am-10:50am (JMZ 0120) STAFF
Th.....10:00am-10:50am (JMZ 1224)
0401 MWF.....11:00am-11:50am (JMZ 1122) STAFF
Th.....11:00am-11:50am (JMZ 1224)
0501 MWF.....12:00pm-12:50pm (JMZ 1122) STAFF
Th.....12:00pm-12:50pm (JMZ 0204)
0601 MWF.....11:00am-11:50am (EGR 3114) STAFF
Th.....11:00am-11:50am (JMZ 1120)

GERM103 Review of Elementary German; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits
0101 MWF.....10:00am-10:50am (JMZ 1122) STAFF
Tu.....10:00am-10:50am (JMZ 0208)

GERM104 Intermediate German; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits
0101 MWF.....10:00am-10:50am (JMZ 1109) STAFF
Th.....10:00am-10:50am (JMZ 1226)
0201 MWF.....12:00pm-12:50pm (JMZ 3203) STAFF
Th.....12:00pm-12:50pm (JMZ 1226)
0301 MWF.....2:00pm- 2:50pm (JMZ 1122) STAFF
Th.....2:00pm- 2:50pm (JMZ 0204)
0401 MWF.....10:00am-10:50am (JMZ 2206) STAFF
Th.....10:00am-10:50am (JMZ 3118)
0501 MWF.....12:00pm-12:50pm (JMZ 0202) STAFF
Th.....12:00pm-12:50pm (JRN 1101)

GERM104H Intermediate German; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; For students considering an honors major in German. Students will receive extra individualized supervision. Prerequisite: Grade of A or B in GERM 102 or GERM 103. 4 credits
0101 MWF.....9:00am- 9:50am (JMZ 3203) Pfister, G
Th.....9:00am- 9:50am (JMZ 0204)

GERM142 Elementary Yiddish II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 1123) Bilik, D

GERM145 Intermediate Yiddish II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 3203) Bilik, D

GERM211 Intermediate German Conversation; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 1103) STAFF
0201 MWF.....10:00am-10:50am (JMZ 3205) Strauch, G

GERM220 Introduction to German Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 3203) Frederiksen, E

GERM280 German-American Cultural Contrast; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....11:00am-11:50am (JMZ 3205) Pfister, G

GERM285 German Film and Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MW.....2:00pm- 4:30pm (JMZ 0105) Beicken, P

GERM301 Conversation and Composition I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (JMZ 3203) Strauch, G

GERM302 Conversation and Composition II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 3207) Fagan, S
0201 MWF.....11:00am-11:50am (JMZ 3207) Fagan, S

GERM311 German Composition I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 3207) Beicken, P

GERM322 Highlights of German Literature II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 3203) Best, O

GERM349M Yiddish Literature in Translation: Masterpieces of Yiddish Literature; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 3207) Bilik, D

GERM369M Scandinavian Literature in Translation: Masterpieces of Scandinavian Literature; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 1109) Oster, R

GERM382 German Civilization II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 3205) Herin, C

GERM383 The Viking Era; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 2206) Fleck, J

GERM384 The Age of Chivalry; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 3205) Fleck, J

GERM389J Topics in Germanic Culture: Honor as a Theme in Western Literature; Grade Method: REG/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 W.....3:00pm- 5:30pm (JMZ 2207) Jones, G

GERM397H (PermReq) Honors Reading (Independent Study); Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Students must have instructor's permission before registering. 3 credits

GERM401 Advanced Conversation; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 3203) Frederiksen, E

GERM405 Stylistics; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 3203) Best, O

GERM432 Junges Deutschland and Realism; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 1211) Frederiksen, E

GERM434 Expressionism to 1945; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 0120) Beicken, P

GERM462 Reading Swedish, Danish and Norwegian II; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 1124) Oster, R

GERM475 Old Norse; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....4:00pm- 6:40pm (JMZ 3205) Fleck, J

GERM479T Selected Topics in Germanic Philology: Sanskrit II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 3205) Fleck, J

GERM499 (PermReq) Directed Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

GERM610 Structure of the German Language; Grade Method: REG/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 3207) Fagan, S

GERM611 College Teaching of German; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Pfister, G

GERM622 Middle High German Literature II; Grade Method: REG/AUD; 3 credits
0101 MWF.....3:00pm- 3:50pm (JMZ 3207) Strauch, G

GERM633 The German Novel; Grade Method: REG/AUD; 3 credits
0101 W.....5:00pm- 7:40pm (JMZ 3207) Best, O

GERM798 (PermReq) Master's Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

0101: Beicken, Peter 0201: Best, Otto
0301: Bilik, Dorothy 0401: Fagan, Sarah
0501: Fleck, Jere 0601: Frederiksen, Elke
0701: Herin, Christoph 0801: Oster, Rose-Marie 0901: Pfister, Guenter 1001: Strauch, Gabraele

GERM799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

GERM828 Seminar: The 18th Century; Grade Method: REG/AUD; 3 credits
0101 Tu.....5:00pm- 7:40pm (JMZ 3207) Herin, C

GERM838 Seminar: The 20th Century; Grade Method: REG/AUD; 3 credits
0101 M.....5:00pm- 7:40pm (JMZ 3207) Beicken, P

GERM898 (PermReq) Doctoral Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

GERM899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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GNED General Education (Undergraduate Studies)

GNED100 The Anatomy of Knowing: the University and Its Curriculum; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (SYM 0200) McIntire, R

GNED300 Perspectives on Nuclear War; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (CHM 0119) Inouye, D

GREK Greek (Arts and Humanities)

See FOLA for Modern Greek.

GREK102 Elementary Greek; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: GREK 101. 3 credits
0101 MWF.....1:00pm- 1:50pm (COL 0102) Stehle, E

GREK204 Intermediate Greek (Homer); Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Prerequisite: GREK 203. 3 credits
0101 MWF.....1:00pm- 1:50pm (COL 3111) Doherty, L

GREK488 (PermReq) Greek Readings; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

The following courses in classics have been placed under the CLAS prefix: GREK 290: Greek and Latin Medical Terminology, GREK 309: Special Topics Greek Literature, GREK 370:Greek Literature in Translation. Students seeking information on these courses should consult the Schedule of Classes under CLAS.

GREK488B Greek Readings: Byzantine Greek; Grade Method: REG/P-F/AUD; 3 credits
0201 Time and room to be arranged Duffy, J

GREK499 (PermReq) Independent Study in Greek Language and Literature; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

GREK688 Special Topics in Greek Literature: Byzantine Greek; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Duffy, J

GREK699 (PermReq) Independent Study in Greek Literature; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

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GVPT Government and Politics (Behavior & Social Sci)

GVPT100 Principles of Government and Politics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....9:30am-10:20am (LEF 2205) Stone, C
M.....9:00am- 9:50am (ZQP 1232) DIS
0102 TuTh.....9:30am-10:20am (LEF 2205) Stone, C
M.....10:00am-10:50am (ZQP 1124) DIS
0103 TuTh.....9:30am-10:20am (LEF 2205) Stone, C
M.....1:00pm- 1:50pm (LEF 1201) DIS
0104 TuTh.....9:30am-10:20am (LEF 2205) Stone, C
M.....2:00pm- 2:50pm (LEF 1201) DIS
0105 TuTh.....9:30am-10:20am (LEF 2205) Stone, C
Th.....2:00pm- 2:50pm (MMH 3418) DIS
0106 TuTh.....9:30am-10:20am (LEF 2205) Stone, C
Th.....3:00pm- 3:50pm (MMH 3418) DIS
0107 TuTh.....9:30am-10:20am (LEF 2205) Stone, C
F.....1:00pm- 1:50pm (JRN 1104) DIS
0108 TuTh.....9:30am-10:20am (LEF 2205) Stone, C
F.....2:00pm- 2:50pm (JRN 1104) DIS
0201 TuTh.....8:00am- 9:15am (LEF 2205) Glendening, P

GVPT170 American Government; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MW.....11:00am-11:50am (LEF 2205) Davidson, R
Th.....10:00am-10:50am (LEF 2138H) DIS
0102 MW.....11:00am-11:50am (LEF 2205) Davidson, R
Th.....11:00am-11:50am (LEF 2138H) DIS
0103 MW.....11:00am-11:50am (LEF 2205) Davidson, R
Th.....1:00pm- 1:50pm (PHY 4220) DIS
0104 MW.....11:00am-11:50am (LEF 2205) Davidson, R
Th.....2:00pm- 2:50pm (PHY 4220) DIS
0105 MW.....11:00am-11:50am (LEF 2205) Davidson, R
F.....10:00am-10:50am (ARM 0117) DIS
0106 MW.....11:00am-11:50am (LEF 2205) Davidson, R
F.....11:00am-11:50am (ARM 0117) DIS
0107 MW.....11:00am-11:50am (LEF 2205) Davidson, R
F.....1:00pm- 1:50pm (TYD 1132) DIS
0108 MW.....11:00am-11:50am (LEF 2205) Davidson, R
F.....2:00pm- 2:50pm (TYD 1132) DIS
0201 TuTh.....12:30pm- 1:45pm (SKN 0200) Martino, A
0301 TuTh.....11:00am-11:50am (LEF 2205) McIntosh, W
Th.....2:00pm- 2:50pm (ARM 0112) DIS
0302 TuTh.....11:00am-11:50am (LEF 2205) McIntosh, W
Th.....3:00pm- 3:50pm (ARM 0112) DIS
0303 TuTh.....11:00am-11:50am (LEF 2205) McIntosh, W
F.....9:00am- 9:50am (SYM 2109) DIS
0304 TuTh.....11:00am-11:50am (LEF 2205) McIntosh, W
F.....10:00am-10:50am (SYM 2109) DIS
0305 TuTh.....11:00am-11:50am (LEF 2205) McIntosh, W
F.....11:00am-11:50am (SYM 2109) DIS
0306 TuTh.....11:00am-11:50am (LEF 2205) McIntosh, W
F.....1:00pm- 1:50pm (SYM 2109) DIS
0307 TuTh.....11:00am-11:50am (LEF 2205) McIntosh, W
F.....2:00pm- 2:50pm (SKN 0124) DIS
0308 TuTh.....11:00am-11:50am (LEF 2205) McIntosh, W
F.....3:00pm- 3:50pm (LEF 1201) DIS
0401 TuTh.....9:30am-10:45am (SKN 0200) Vietri, L

GVPT170H American Government; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 Th.....2:00pm- 4:45pm (LEF 2123) Vietri, L

GVPT210 Introduction to Public Administration and Policy; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (TYD 1102) Swaine, R

GVPT220 Introduction to Political Behavior; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (LEF 1220) Ford, L

GVPT231 Law and Society; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-11:50am (JMZ 0220) Soltan, K
Th.....1:00pm- 1:50pm (JMZ 1226) DIS
0102 TuTh.....11:00am-11:50am (JMZ 0220) Soltan, K
Th.....2:00pm- 2:50pm (LEF 2138H) DIS
0103 TuTh.....11:00am-11:50am (JMZ 0220) Soltan, K
Th.....3:00pm- 3:50pm (LEF 2138H) DIS
0104 TuTh.....11:00am-11:50am (JMZ 0220) Soltan, K
F.....9:00am- 9:50am (LEF 2138H) DIS
0105 TuTh.....11:00am-11:50am (JMZ 0220) Soltan, K
F.....10:00am-10:50am (LEF 2138H) DIS
0106 TuTh.....11:00am-11:50am (JMZ 0220) Soltan, K
F.....11:00am-11:50am (LEF 2138H) DIS
0107 TuTh.....11:00am-11:50am (JMZ 0220) Soltan, K
F.....1:00pm- 1:50pm (LEF 2138H) DIS
0108 TuTh.....11:00am-11:50am (JMZ 0220) Soltan, K
F.....2:00pm- 2:50pm (LEF 2138H) DIS

GVPT240 Political Ideologies; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....9:00am- 9:50am (LEF 2166) Burack, C
0201 MWF.....11:00am-11:50am (TYD 1102) Burack, C

GVPT260 State and Local Government; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....8:00am- 9:15am (LEF 2166) Martino, A

GVPT280 Comparative Politics and Governments; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (TYD 1102) STAFF

GVPT300 International Political Relations; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....9:00am- 9:50am (LEF 2208) Dombrowski, P
0201 MWF.....11:00am-11:50am (TYD 1101) Lalman, D
0301 TuTh.....9:30am-10:45am (TYD 1101) Derleth, J

GVPT376A Applied Field Research in Government and Politics; Grade Method: REG/P-F/AUD; Limited to Maryland General Assembly interns. 6 credits
0101 Time and room to be arranged Lanning, E

GVPT376B Applied Field Research in Government and Politics; Grade Method: REG/P-F/AUD; Limited to Capitol Hill interns. 6 credits
0101 Time and room to be arranged Lanning, E

GVPT377A Seminar For Academic Interns; Grade Method: REG/P-F/AUD; Limited to Maryland General Assembly interns. 3 credits
0101 M.....3:30pm- 6:15pm (LEF 2138) STAFF

GVPT377B Seminar For Academic Interns; Grade Method: REG/P-F/AUD; Limited to Capitol Hill interns. 3 credits

0101 M.....3:30pm- 6:15pm (LEF 2138H) Lanning, E

GVPT386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor. 1-3 credits

GVPT387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor. 1-3 credits

GVPT388 Topical Investigations; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission of Director of Undergraduate Studies. 3 credits

GVPT393H Honors Seminar in Public Policy, Political Behavior, and Methodology; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....2:00pm- 4:00pm (LEF 2123) Terchek, R
Time and room to be arranged DIS

GVPT396 (PermReq) Introduction to Political Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

GVPT397 (PermReq) Honors Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

GVPT399A Seminar in Government and Politics: Development in the Third World; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 1221) Phillips, W

GVPT399B Seminar in Government and Politics: Politics of International Economic Relations; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 1102) Kaminski, B

GVPT399C Seminar in Government and Politics: The Politics and Foreign Economic Policies of Japan; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 1221) McNelly, T

GVPT399D Seminar in Government and Politics: Twentieth Century China: Revolution, Politics and Foreign Relations; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (LEF 1220) Hsueh, C

GVPT399H Seminar in Government and Politics: Leadership; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....2:00pm- 4:45pm (LEF 2123) Stone, C

GVPT402 International Law; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (LEF 2166) Piper, D

GVPT403 Law, Morality and War; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....11:00am-11:50am (LEF 2166) Piper, D

GVPT414 Administrative Law; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 1102) Ranald, R

GVPT422 Quantitative Political Analysis; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (SKN 0124) Swistak, P

GVPT423 Elections and Electoral Behavior; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 1222) Uslaner, E

GVPT426 Public Opinion; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 1222) Conway, M

GVPT427 Political Sociology; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (LEF 1221) Okrasa, W

GVPT429 Problems in Political Behavior: Modern Soviet Approaches to Planning Modeling and Control of Large Social Systems; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (WDS 1114) Manukian, E

GVPT432 Civil Rights and the Constitution; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 2166) Claude, R

GVPT441 History of Political Theory: Ancient and Medieval; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (LEF 2166) Alford, C

GVPT442 History of Political Theory--Medieval to Recent; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....2:00pm- 2:50pm (HJP 2242) Glass, J
Th.....3:00pm- 3:50pm (TAA 1122) DIS
0102 TuTh.....2:00pm- 2:50pm (HJP 2242) Glass, J
F.....9:00am- 9:50am (SKN 0124) DIS
0103 TuTh.....2:00pm- 2:50pm (HJP 2242) Glass, J
F.....10:00am-10:50am (HJP 2242) DIS
0104 TuTh.....2:00pm- 2:50pm (HJP 2242) Glass, J
F.....11:00am-11:50am (HJP 2242) DIS

GVPT450 Comparative Study of Foreign Policy Formation; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (LEF 2208) Wilkenfeld, J

GVPT451 Foreign Policy of the U.S.S.R.; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (LEF 2208) Dawisha, K

GVPT453 Recent East Asian Politics; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 2166) Hsueh, C

GVPT457 American Foreign Relations; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....9:30am-10:45am (LEF 2166) McNelly, T

GVPT461 Metropolitan Administration; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 1101) Marando, V

GVPT473 Legislatures and Legislation; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (LEF 2208) Davidson, R

GVPT479 Problems of American Public Policy: Politics of Vietnam War; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....2:00pm- 4:45pm (HBK 4205) Vietri, L

GVPT479H Problems of American Public Policy: History and Future of Liberalism; Competative Health Care and the Environment; Grade Method: REG/P-F/AUD; Restricted to government majors and honors students. 3 credits
0101 W.....4:00pm- 6:30pm (LEF 1222) Brown, P

GVPT480 Comparative Political Systems; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 2138H) Heisler, M

GVPT482 Government and Politics of Latin America; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (LEF 2208) Lanning, E

GVPT700 Scope and Method of Political Science; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:45pm (LEF 2138H) Okrasa, W

GVPT708 Seminar in International Relations Theory; Grade Method: REG/AUD; 3 credits
0101 M.....6:30pm- 9:15pm (LEF 2138H) Pirages, D

GVPT722 Advanced Quantitative Methods For Political Science; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:45pm (LEF 2123) Swistak, P

GVPT729 Special Topics in Quantitative Political Analysis: Mathematical Modelling; Grade Method: REG/AUD; 3 credits
0101 MW.....3:30pm- 4:45pm (LEF 2176) Lalman, D

GVPT799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

GVPT808 Selected Topics in Functional Problems in International Relations: International Political Economy; Grade Method: REG/AUD; 3 credits
0101 Tu.....3:30pm- 6:15pm (LEF 2138) Kaminski, B

GVPT813 Problems of Public Personnel Administration; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (LEF 1221) Ranald, R

GVPT828 Selected Problems in Political Behavior: Political Participation and Electoral Behavior; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:30pm- 9:15pm (LEF 2138) Conway, M

GVPT831 Formal Theories of Politics; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:45pm (LEF 2138) Soltan, K

GVPT842 Man and the State; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:30pm- 9:15pm (LEF 2138H) Glass, J

GVPT844 American Political Theory; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:45pm (LEF 1208) Terchek, R

GVPT848 Current Problems in Political Theory: Cultural Marxism and the Critical Theory of Society; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:30pm- 9:15pm (LEF 2176) Alford, C

GVPT859 Selected Topics in Public Policy: Human Rights in U.S. Domestic and Foreign Policy; Grade Method: REG/AUD; 3 credits
0101 Th.....6:30pm- 9:15pm (LEF 2123) Claude, R

GVPT868 Problems of State and Local Government: Public Policy and Administration; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:30pm- 9:15pm (LEF 1221) Marando, V

GVPT872 Judicial Process and Behavior; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:30pm- 9:15pm (LEF 1210) McIntosh, W

GVPT876 Seminar in National Security Policy; Grade Method: REG/AUD; 3 credits
0101 M.....3:30pm- 6:15pm (LEF 2123) Quester, G

GVPT878 Problems in American Government and Politics: Research in American Politics; Grade Method: REG/AUD; 3 credits
0101 Th.....6:30pm- 9:15pm (LEF 1210) Uslaner, E

GVPT879 Topics on International Security: The Politics and Political Economy of Security in Democracy; Grade Method: REG/AUD; 3 credits
0101 Tu.....3:30pm- 6:15pm (LEF 2176) Heisler, M

GVPT887 Seminar in the Politics of Developing Nations; Grade Method: REG/AUD; 3 credits
0101 Th.....6:30pm- 9:15pm (LEF 2176) Phillips, W

GVPT888 Selected Topics in Comparative Governmental Institutions: Power and Political Change in the Modern State; Grade Method: REG/AUD; 3 credits
0101 Th.....6:30pm- 9:15pm (LEF 2138H) Stone, C

GVPT889 Selected Topics in Area Problems in International Relations: Soviet Policy Towards the Third World; Grade Method: REG/AUD; 3 credits
0101 W.....3:30pm- 6:15pm (LEF 2138) Dawisha, K

GVPT898 (PermReq) Readings in Government and Politics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission of director of graduate studies. 3 credits

GVPT899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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HEBR Hebrew (Arts and Humanities)

HEBR112 Elementary Hebrew II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: HEBR 111 or equivalent. Students who have no knowledge of Hebrew should register for HEBR 111 which will be offered in the fall. Students who have studied Hebrew elsewhere are required to contact Mrs. Liberman (for courses HEBR 112 and 212) or contact Dr. Berlin on questions of placement above the HEBR 212 level. 6 credits
0101 MWF.....9:00am-11:00am (JMZ 1104) Liberman, E
0201 MWF.....11:00am- 1:00pm (JMZ 2117) Liberman, E
0301 MWF.....9:00am-11:00am (HZF 1108) STAFF

HEBR212 Intermediate Hebrew II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: HEBR 211 or equivalent. 6 credits
0101 MWF.....9:00am-11:00am (JMZ 2117) Levy, N

HEBR223 The Hebrew Bible: Narrative; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 W.....2:00pm- 4:30pm (JMZ 2117) Berlin, A

HEBR298C Special Topics in Jewish Studies: Philosophical Judaism; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 2117) Manekin, C

HEBR314 Conversation and Composition II; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 2117) Manekin, C

HEBR382 Readings in Hebrew Newspapers and Periodicals; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (JMZ 1109) Levy, N

HEBR472 Readings in Medieval Hebrew; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 2102) Manekin, C

HEBR498I Special Topics in Hebrew; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Levy, N

HEBR498R Special Topics in Hebrew: Reconstructing Ancient Civilizations - The Case of Mesopotamia; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 M.....2:00pm- 4:30pm (JMZ 2117) Berlin, A

HESP Hearing and Speech Sciences (Behavior & Social Sci)

HESP120 Introduction to Linguistics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (LEF 1201) STAFF

HESP202 Introduction to Hearing and Speech Sciences; Grade Method: REG/P-F/AUD; Course chairman: McCall. 3 credits
0101 MWF.....10:00am-10:50am (LEF 2205) STAFF

HESP300 Introduction to Psycholinguistics; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 1201) Dingwall, W

HESP311 Anatomy, Pathology and Physiology of the Auditory System; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 2208) Gordon-Salant,

HESP386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HESP387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HESP400 Speech and Language Development in Children; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 2208) Yeni-Komshian,

HESP402 Speech Pathology I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (LEF 1201) Roth, F

HESP403 Introduction to Phonetic Science; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....8:00am- 9:15am (LEF 2208) Stone, M

HESP404 Speech Pathology II; Grade Method: REG/P-F/AUD; Course chairman: McCall. 3 credits
0101 MWF.....11:00am-11:50am (LEF 1201) McCall, G

HESP418 (PermReq) Clinical Practice in Speech-Language Pathology and Audiology; Grade Method: REG/P-F/AUD; Majors only. Course will be team taught by S. Patrick and M. McCabe. 3 credits
0101 WF.....12:00pm-12:50pm (LEF 0135) McCabe, M
Time and room to be arranged LAB

HESP498A Seminar: Physiological Phonetics; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....3:30pm- 6:00pm (LEF 0135) Caruso, A

HESP498B Seminar: Neurological Basis of Human Communication; Grade Method: REG/P-F/AUD; Prerequisite: HESP 300 and 305. 3 credits
0101 M.....3:30pm- 6:10pm (LEF 0135) Dingwall, W

HESP499 (PermReq) Independent Study: Topics in the Hearing and Speech Sciences; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HESP602 Neurological Bases of Human Communication; Grade Method: REG/AUD; 3 credits
0101 M.....3:30pm- 6:10pm (LEF 0135) Dingwall, W

HESP612 Fluency Disorders; Grade Method: REG/AUD; 3 credits
0101 Tu.....1:00pm- 3:30pm (LEF 0135) Ratner, N

HESP614 Orofacial Anomalies; Grade Method: REG/AUD; 3 credits
0101 M.....1:00pm- 3:30pm (LEF 0135) McCall, G

HESP620 Phonological and Articulatory Disorders; Grade Method: REG/AUD; 3 credits
0101 Th.....1:00pm- 3:30pm (LEF 0135) Ratner, N

HESP635 Aural Rehabilation/Habilitation; Grade Method: REG/AUD; 3 credits
0101 F.....1:00pm- 3:30pm (LEF 0135) Baker, D

HESP638 (PermReq) Research Practicum; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HESP645 Pediatric Audiology; Grade Method: REG/AUD; 3 credits
0101 W.....3:30pm- 6:00pm (LEF 0135) Baker, D

HESP648A (PermReq) Clinical Practice in Speech: Diagnostic Procedures; Grade Method: REG/AUD; Course chairman: Roth. Majors only. 1-3 credits
0101 Time and room to be arranged Patrick, S

HESP648B (PermReq) Clinical Practice in Speech: Therapeutic Procedures; Grade Method: REG/AUD; Course chairman: Roth. Majors only. 1-3 credits
0101 Time and room to be arranged Patrick, S

HESP649A (PermReq) Clinical Practice in Audiology: Diagnostic Audiology; Grade Method: REG/AUD; Course chairman: Gordon-Salant. Majors only. 1-3 credits
0101 Time and room to be arranged McCabe, M

HESP649B Clinical Practice in Audiology: Aural 1-3 credits
(PermReq) Rehabilitation; Grade Method: REG/AUD; Course chairman: Gordon-Salant. Majors only.
0101 Time and room to be arranged Perlroth, L

HESP700 Hearing Aids; Grade Method: REG/AUD; 3 credits
0101 M.....1:00pm- 3:30pm (LEF 0104A) Gordon-Salant,

HESP704 Physiological Phonetics; Grade Method: REG/AUD; Prerequisite: HESP 305 and 403. 3 credits
0101 Th.....3:30pm- 6:00pm (LEF 0135) Caruso, A

HESP708 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HESP724 Research Design; Grade Method: REG/AUD; 3 credits
0101 W.....1:00pm- 3:30pm (LEF 0135) Yeni-Komshian,

HESP728 (PermReq) Advanced Clinical Practice in Speech: Advanced Graduate Laboratory Practicum in Speech-Language Pathology; Grade Method: REG/AUD; Course chairman: McCall. Majors only. 1-8 credits
0101 TBA (LEF 0135) Patrick, S
Time and room to be arranged LAB

HESP729 (PermReq) Advanced Clinical Practice in Audiology: Advanced Graduate Laboratory Practicum in Audiology; Grade Method: REG/AUD; Course chairman: McCall. Majors only. 1-8 credits
0101 TBA (LEF 0135) McCabe, M
Time and room to be arranged LAB

HESP799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HESP899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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HISP Historic Preservation (Architecture)

HISP700 (PermReq) Final Seminar in Historic Preservation; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Flack, J

HIST History (Arts and Humanities)

HIST108A Biography in History: Western European Religious Leaders; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0103) Williams, W

HIST108B Biography in History: Black Leaders of the 20th Century; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....9:30am-10:45am (KEY 0124) Harlan, L

HIST108E Biography in History: Shapers of Islam; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (KEY 0119) Stowasser, K

HIST115 Modern Business History; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion sections will be assigned first day of classes. 3 credits
0101 MW.....11:00am-11:50am (KEY 0106) STAFF
Time and room to be arranged DIS

HIST130 The Ancient World; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion sections assigned first day of classes. 3 credits
0101 MW.....9:00am- 9:50am (KEY 0106) Eckstein, A
Time and room to be arranged DIS

HIST132 The Rise of the West: 1500--1789; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion sections assigned first day of classes. — 3 credits
0101 MW.....10:00am-10:50am (KEY 0116) Myers, W
Time and room to be arranged DIS

HIST133 Modern Europe: 1789 - Present; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion sections assigned first class session. — 3 credits
0101 MW.....12:00pm-12:50pm (KEY 0102) Matossian, M
Time and room to be arranged DIS
0201 TuTh.....11:00am-11:50am (KEY 0102) Harris, J
Time and room to be arranged DIS

HIST156 History of the United States to 1865; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion section assigned first class session. — 3 credits
0101 MW.....12:00pm-12:50pm (KEY 0106) Bradbury, M
Time and room to be arranged DIS
0201 TuTh.....9:00am- 9:50am (KEY 0106) Evans, E
Time and room to be arranged DIS
0401 MW.....10:00am-10:50am (KEY 0106) Larew, M
Time and room to be arranged DIS
0501 TuTh.....1:00pm- 1:50pm (KEY 0106) Henretta, J
Time and room to be arranged DIS

HIST157 History of the United States Since 1865; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Discussion sections assigned first class session. — 3 credits
0101 MW.....9:00am- 9:50am (KEY 0103) Ridgway, W
Time and room to be arranged DIS
0201 TuTh.....1:00pm- 1:50pm (KEY 0102) Nicklason, F
Time and room to be arranged DIS
0301 MW.....10:00am-10:50am (KEY 0103) Callcott, G
Time and room to be arranged DIS
0401 TuTh.....10:00am-10:50am (KEY 0102) Gilbert, J
Time and room to be arranged DIS

HIST200 Introduction to the History of Science; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....1:00pm- 1:50pm (KEY 0102) Kaplan, B

HIST206 The Holocaust of European Jewry; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:30pm- 1:45pm (KEY 0126) Rozenblit, M

HIST211 Women in America Since 1880; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion sections will be assigned first class session. — 3 credits
0101 TuTh.....10:00am-10:50am (KEY 1117) Carlton-Smith, F
F.....1:00pm- 1:50pm (LEF 1201) DIS

HIST225 Modern Military History, 1815-Present; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....10:00am-10:50am (KEY 0102) Sumida, J

HIST235 History of Britain 1461 to 1714; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion sections will be assigned at first lecture. — 3 credits
0101 TuTh.....11:00am-11:50am (KEY 1117) Breslow, M
Time and room to be arranged DIS

HIST251 Latin American History II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0116) Wright, W

HIST283 History of the Jewish People II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0121) STAFF

HIST285 East Asian Civilization II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Discussion sections will be assigned at first lecture. — 3 credits
0101 MW.....12:00pm-12:50pm (KEY 0103) Thompson, R
Time and room to be arranged DIS

HIST306 History of Religion in America; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (KEY 0116) Bradbury, M

HIST309B Proseminar in Historical Writing: Social History of Urban America; Grade Method: REG/P-F/AUD; — 3 credits
0201 Tu.....1:00pm- 3:00pm (KEY 1118) Flack, J
Time and room to be arranged DIS

HIST309C Proseminar in Historical Writing: Early American History; Grade Method: REG/P-F/AUD; — 3 credits
0301 W.....3:00pm- 5:00pm (KEY 0107) Bradbury, M
Time and room to be arranged DIS

HIST309D Proseminar in Historical Writing: Colonial American History; Grade Method: REG/P-F/AUD; — 3 credits
0401 Th.....1:00pm- 3:00pm (KEY 0107) Evans, E
Time and room to be arranged DIS

HIST309E Proseminar in Historical Writing: Early Modern European History; Grade Method: REG/AUD; — 3 credits
0101 Tu.....3:00pm- 5:00pm (JMZ 3118) Williams, W
Time and room to be arranged DIS

HIST309F Proseminar in Historical Writing: Civil War and Reconstruction; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....3:00pm- 5:00pm (KEY 0107) Nicklason, F
Time and room to be arranged DIS

HIST309I Proseminar in Historical Writing: Cities in the Ancient Mediterranean World; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....3:00pm- 5:00pm (KEY 0107) Holum, K
Time and room to be arranged DIS

HIST309K Proseminar in Historical Writing: Allied Occupation of Japan; Grade Method: REG/P-F/AUD; — 3 credits
0101 Th.....4:00pm- 6:00pm (KEY 0117) Mayo, M
Time and room to be arranged DIS

HIST309L Proseminar in Historical Writing: Modern Middle Eastern History; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....1:00pm- 3:00pm (KEY 0107) Zilfi, M
Time and room to be arranged DIS

HIST314A Crisis and Change in the Middle East and Africa: Nationalism and Nation-Building in the Middle East; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; — 3 credits
0101 MW.....9:30am-10:45am (KEY 1117) Zilfi, M

HIST319B Special Topics in History: Postwar Japan thru Film and Fiction; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....2:00pm- 4:00pm (KEY 1117) Mayo, M
Th.....2:00pm- 3:00pm (KEY 1117)

HIST325 Alexander the Great and the Hellenistic Age; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....11:00am-12:15pm (KEY 1117) Eckstein, A

HIST327 The Roman Empire; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 1117) Holum, K

HIST331 Medieval Civilization II; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0126) Spiegel, G

HIST333 Europe During the Renaissance and Reformation II; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:30pm- 1:45pm (KEY 0124) Myers, W

HIST335 Society, Ideas and Culture in the Old Regime, 1715-1789; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0107) Williams, W

HIST337 Europe in the World Setting of the 20th Century; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0126) Kent, G

HIST340 Eastern Europe Under Communism; Grade Method: REG/P-F/AUD; Course will be taught by W. Roszkowski, a Polish National. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0119) STAFF

HIST342 Fascism: Theory and Practice; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0103) Harris, J

HIST361 The American Revolution; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0103) Evans, E

HIST362 The Formative Period in America, 1789-1824; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0103) Ridgway, W

HIST364 Reconstruction and the New Nation; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0103) Nicklason, F

HIST367 The United States Since World War II; Grade Method: REG/P-F/AUD; Discussion sections will be assigned first class session. — 3 credits
0101 MW.....11:00am-11:50am (KEY 0102) Olson, K
Time and room to be arranged DIS

HIST375 Modern Jewish History II: World Jewry Since 1870; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....9:30am-10:45am (KEY 0126) Rozenblit, M

HIST391 Middle East II; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (KEY 0117) Stowasser, K

HIST396 Honors Colloquium II; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....1:00pm- 3:00pm (KEY 0107) Grimsted, D
Time and room to be arranged DIS

HIST398 Honors Thesis; Grade Method: REG/P-F/AUD; — 3 credits
0101 Time and room to be arranged Olson, A

HIST403 20th Century Revolutions in the Physical Sciences; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 3140) Brush, S

HIST415 History of European Ideas II; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....1:00pm- 3:00pm (KEY 2119) Haber, F
Time and room to be arranged DIS

HIST419C Special Topics in History: Historical and Philosophical Issues in Biotechnology; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (KEY 0116) Darden, L
Time and room to be arranged DIS

HIST419D Special Topics in History: History of Korea; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....6:00pm- 9:00pm (TLF 2108) Oh, B

HIST419E Special Topics in History: The Right in Latin America: Military and Civilian Politicians; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0116) Wright, W

HIST419F Special Topics in History: Readings in European Religious History, 1300-1700; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....3:00pm- 5:00pm (JMZ 1211) Myers, W
Time and room to be arranged DIS

HIST419G Special Topics in History: Jewish Mysticism; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0120) Faierstein, M

HIST425 History of Russia From 1801 - 1917; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0124) STAFF

HIST427 Age of Decline: Britain 1914 to Present; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0124) Price, R

HIST431 Stuart England; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0126) Breslow, M

HIST435 Constitutional History of Great Britain II; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0116) Cockburn, J

HIST436 French Revolution and Napoleon; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0119) Sutherland, D

HIST442 The Soviet Union; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 1117) Foust, C

HIST443 Modern Balkan History; Grade Method: REG/P-F/AUD; Course to be taught by M. Todorova, a Bulgarian National. — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0123) STAFF

HIST453 Diplomatic History of the United States Since 1898; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....11:00am-11:50am (KEY 0116) Cole, W

HIST455 Constitutional History of the United States: Since 1860; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0124) Belz, H

HIST457 History of Ideas in America Since 1865; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0119) Grimsted, D

HIST459 Society in America: Historical Topics: Aspects of American Society; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0117) Flack, J

HIST461 Blacks in American Life: 1865 to Present; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....11:00am-12:15pm (KEY 0121) Moss Jr., A

HIST467 History of Maryland; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0125) Callcott, G

HIST475 History of Mexico and Central America II; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0124) STAFF

HIST481 A History of Modern China; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0116) Thompson, R

HIST483 History of Japan Since 1800; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0126) Mayo, M

HIST600 Historiography; Grade Method: REG/AUD; Emphasis on American history. — 3 credits
0101 W.....3:00pm- 5:00pm (KEY 1118) Haber, F
Time and room to be arranged DIS

HIST602 General Seminar: American History; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:00pm (KEY 2119) Gilbert, J
Time and room to be arranged DIS

HIST603 General Seminar: European History; Grade Method: REG/AUD; Section 0101 focuses on early modern European history. Section 0201 focuses on modern European history. — 3 credits
0101 W.....4:00pm- 6:00pm (KEY 2119) Spiegel, G
Time and room to be arranged DIS
0201 Tu.....7:00pm- 9:00pm (KEY 2119) Foust, C
Time and room to be arranged DIS

HIST619A Special Topics in History: Readings in Roman History: Empire and Imperialism; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:00pm (KEY 2119) Eckstein, A
Time and room to be arranged DIS

HIST619B (PermReq) Special Topics in History: Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HIST619C Special Topics in History: Readings in Afro-American History; Grade Method: REG/AUD; — 3 credits
0101 M.....4:00pm- 6:00pm (KEY 0107) Moss Jr., A
Time and room to be arranged DIS

HIST619D Special Topics in History: Inter-Disciplinary Readings in Early American History; Grade Method: REG/AUD; — 3 credits
0101 Th.....5:00pm- 7:00pm (KEY 2119) Henretta, J
Time and room to be arranged DIS

HIST619E Special Topics in History: Slavery: A Comparative Perspective; Grade Method: REG/AUD; — 3 credits
0101 M.....3:00pm- 5:00pm (KEY 2119) Berlin, I
Time and room to be arranged DIS

HIST619F Special Topics in History: Archival Management; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:00pm (KEY 2119) Papenfuse, E
Time and room to be arranged DIS

HIST619G Special Topics in History: Readings in Modern Military History; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:00pm (KEY 0107) Sumida, J
Time and room to be arranged DIS

HIST619I Special Topics in History: French Revolution: From Terror to Empire, 1792-1815; Grade Method: REG/AUD; Course will be taught off campus. Consult department, Key 2115. — 3 credits
0101 M.....7:00pm- 9:00pm (Arranged) Sutherland, D
Time and room to be arranged DIS

HIST629 Readings in the American Revolution and the Formative Period; Grade Method: REG/AUD; — 3 credits
0101 Th.....6:00pm- 8:00pm (KEY 1118) Hoffman, R
Time and room to be arranged DIS

HIST638 Readings in the Middle Period and Civil War; Grade Method: REG/AUD; — 3 credits
0101 M.....6:00pm- 8:00pm (KEY 1118) Ridgway, W
Time and room to be arranged DIS

HIST648 Readings in Recent American History; Grade Method: REG/AUD; — 3 credits
0101 W.....5:00pm- 7:00pm (KEY 1118) Olson, K
Time and room to be arranged DIS

HIST658 Readings in American Constitutional History; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:00pm (KEY 1118) Belz, H
Time and room to be arranged DIS

HIST729 Readings in Modern European History; Grade Method: REG/AUD; Emphasis will be primarily on European seventeenth and eighteenth centuries. — 3 credits
0101 Th.....4:00pm- 6:00pm (KEY 1118) Kent, G
Time and room to be arranged DIS

HIST739 Readings in the History of Great Britain and the British Empire Commonwealth; Grade Method: REG/AUD; — 3 credits
0101 Th.....3:00pm- 5:00pm (KEY 2119) Cockburn, J
Time and room to be arranged DIS

HIST779 (PermReq) Readings in Middle Eastern History; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged Stowasser, K

HIST788 Readings in European Economic and Labor History; Grade Method: REG/AUD; Class taught by W. Roszkowski, a Polish National. — 3 credits
0101 Tu.....6:00pm- 8:00pm (KEY 1118) STAFF

HIST799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HIST848 Seminar in Modern European History; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:00pm (KEY 0121) Kent, G
Time and room to be arranged DIS

HIST857 Seminar in the Social and Cultural History of Europe; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:00pm (KEY 1118) Sutherland, D
Time and room to be arranged DIS

HIST878 Seminar in Colonial American History; Grade Method: REG/AUD; — 3 credits
0101 M.....5:00pm- 7:00pm (KEY 2119) McCusker, J
Time and room to be arranged DIS

HIST896 Seminar in the History of American Foreign Policy; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:00pm (KEY 2119) Cole, W
Time and room to be arranged DIS

HIST898 Seminar in Recent American History; Grade Method: REG; — 3 credits
0101 M.....4:00pm- 6:00pm (KEY 1118) Harlan, L
Time and room to be arranged DIS

HIST899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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HLTH Health (Phys Ed, Recr, & Health)

HLTH105 Science and Theory of Health; Grade Method: REG/P-F/AUD; — 2 credits
0101 TuTh.....10:00am-10:50am (PRH 0302) Hyde, D

HLTH106 Drug Use and Abuse; Grade Method: REG/P-F/AUD; — 3 credits
0201 MWF.....1:00pm- 1:50pm (PRH 1312) Scaffa, M
0301 Th.....7:00pm- 9:40pm (PRH 1312) Thomas, S

HLTH140 Personal and Community Health; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (PRH 1303) STAFF
0201 MWF.....11:00am-11:50am (PRH 0308) STAFF
0301 MWF.....1:00pm- 1:50pm (PRH 0302) STAFF
0401 TuTh.....11:00am-12:15pm (PRH 0302) STAFF
0501 TuTh.....12:30pm- 1:45pm (PRH 1301) STAFF

HLTH150 First Aid and Emergency Medical Services; Grade Method: REG/P-F/AUD; — 2 credits
0301 M.....9:00am-10:45am (PRH 0302) STAFF
0401 W.....9:00am-10:45am (PRH 0302) STAFF

HLTH230 Introduction to Health Behavior; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 W.....3:00pm- 5:30pm (PRH 0308) Feldman, R

HLTH270 Safety Education; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....12:00pm-12:50pm (COL 0113) Baker, E
0201 MWF.....1:00pm- 1:50pm (COL 0113) Baker, E

HLTH285 Controlling Stress and Tension; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0201 MW.....2:00pm- 3:15pm (PRH 1312) Greenberg, J
0301 MWF.....11:00am-11:50am (PRH 1312) Schiraldi, G
0401 Tu.....4:15pm- 6:45pm (PRH 1312) Allen, R
0501 TuTh.....11:00am-12:15pm (PRH 0308) Hyde, D
0601 W.....4:15pm- 6:45pm (PRH 1312) Allen, R

HLTH377 Human Sexuality; Grade Method: REG/P-F/AUD; Students who have received credit for HLTH 477 not eligible. — 3 credits
0101 M.....4:15pm- 6:45pm (PRH 1312) Greenberg, J
0201 TuTh.....12:30pm- 1:45pm (PRH 1312) Bentley, M
0301 W.....7:00pm- 9:40pm (PRH 1312) Sawyer, R
0401 TuTh.....11:00am-12:15pm (PRH 1312) Bentley, M

HLTH386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HLTH387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HLTH420 Methods and Materials in Health Education; Grade Method: REG/P-F/AUD; Prerequisites: HLTH 105 or 140, 310 or consent of instructor. — 3 credits
0101 M.....10:00am-11:45am (PRH 0307) Gilbert, G
W.....10:00am-11:45am (PRH 0307) LAB

HLTH450 Health of Children and Youth; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....11:00am-12:15pm (PRH 1301) Miller, C

HLTH455 Physical Fitness of the Individual; Grade Method: REG/P-F/AUD; — 3 credits

0101 TuTh.....9:30am-10:45am (PRH 0308) Mann, P

HLTH471 Women's Health; Grade Method: REG/P-F/AUD; Open to students with at least 56 credits earned. 3 credits
0101 TuTh.....12:30pm- 1:45pm (PRH 1302) STAFF

HLTH476 Death Education; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (PRH 1312) Leviton, D

HLTH487 Adult Health and Developmental Program; Grade Method: REG/P-F/AUD; First class meeting is February 1. 3 credits
0101 Sa.....8:30am- 1:30pm (COL 0100) Leviton, D

HLTH489 (PermReq) Field Laboratory Projects and Workshop; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HLTH498F Special Topics in Health: Alcohol Use--Trends and Problems; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (COL 0113) Clearwater, H

HLTH498I (PermReq) Special Topics in Health: Internship in Community Health Education; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged STAFF

HLTH498R Special Topics in Health: Introduction to Community Health; Grade Method: REG/P-F/AUD; Prerequisite: MICB 100 or 200. 3 credits
0101 TuTh.....9:30am-10:45am (PRH 0301) STAFF

HLTH498T Special Topics in Health: Ways of Knowing About Human Stress and Tension; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: HLTH 285. Student must present unofficial transcript to instructor on the first day of classes. Juniors and seniors only. 3 credits
0101 M.....4:15pm- 6:45pm (PRH 0302) Schiraldi, G

HLTH666 Health Behavior II; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 6:45pm (PRH 0308) Feldman, R

HLTH688 (PermReq) Special Problems in Health Education; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HLTH688D Special Problems in Health Education: The Psychological Dynamics of Coping with Stress; Grade Method: REG/AUD; Grad students only. 3 credits
0101 W.....7:00pm- 9:40pm (PRH 0303) Schiraldi, G

HLTH688Q Special Problems in Health Education: Quantative Techniques in Health Education; Grade Method: REG/AUD; Graduate students only. Prerequisite: HLTH 710 or permission of instructor. 3 credits
0101 M.....4:15pm- 6:45pm (PRH 1301) Gold, R

HLTH688W Special Problems in Health Education: Grantsmanship and Proposal Writing in Health; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:45pm (PRH 0303) STAFF

HLTH720 Scientific Foundations of Health Education; Grade Method: REG; 3 credits
0101 W.....4:15pm- 6:45pm (PRH 0302) Mann, P

HLTH740 Modern Theories of Health; Grade Method: REG/AUD; Grad students only. 3 credits
0101 Tu.....7:00pm- 9:45pm (PRH 0308) Thomas, S

HLTH750 (PermReq) Stress and Disease; Grade Method: REG/AUD; Grad students only. 3 credits
0101 Th.....7:00pm- 9:45pm (PRH 0302) Allen, R

HLTH775 Health Education Program Planning and Evaluation; Grade Method: REG/AUD; 3 credits
0101 Th.....4:15pm- 6:45pm (PRH 0302) Beck, K

HLTH785 (PermReq) Internship in Health Education; Grade Method: REG; 3 credits
0101 TBA (PRH 2387) Clearwater, H

HLTH799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HLTH899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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HONR Honors (Undergraduate Studies)

ALL HONR courses are open to students enrolled in General Honors and/or Departmental Honors programs and to others by permission of the Director of General Honors. Detailed descriptions of General Honors seminars can be found in the course description brochure available in the Honor's Office, 0110 Hornbake Library, x2532. All Honors courses require approval prior to registration.

HONR118A (PermReq) Freshman Honors Colloquium: Cultural and Historical: Ways of Seeing; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 M.....12:00pm- 2:30pm (HBK 0108) DIS Howarth, J

HONR118B (PermReq) Freshman Honors Colloquium: Cultural and Historical: Manuals for Living in Hard Times; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 Th.....12:00pm- 2:30pm (HBK 0108) DIS Retallack, J

HONR118C (PermReq) Freshman Honors Colloquium: Cultural and Historical: In Search of Ancient Astronomies; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 W.....6:00pm- 9:00pm (HBK 0108) DIS Carlson, J

HONR128A (PermReq) Freshman Honors Colloquium: Natural Sciences and Mathematics: Our Nuclear Society: From Chernobyl to PET Scans; Grade Method: REG; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Taught by Dr. Alice Mignerey, Distinguished Scholar Teacher. 3 credits
0101 W.....1:00pm- 3:30pm (HBK 0123) DIS Mignerey, A

HONR128B (PermReq) Freshman Honors Colloquium: Natural Sciences and Mathematics: Cancer, AIDS and the Causes of Disease; Grade Method: REG; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 M.....7:00pm- 9:30pm (HBK 0108) Levine, P

HONR138B (PermReq) Freshman Honors Colloquium: Literature and the Arts: Feminist Science Theory and Science Fiction by Women; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 M.....1:00pm- 3:30pm (HBK 0110A) DIS Donawerth, J

HONR138C (PermReq) Freshman Honors Colloquium: Literature and the Arts: The Current Scene; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 Tu.....3:30pm- 6:00pm (HBK 0108) DIS Freedman, M

HONR148A (PermReq) Freshman Honors Colloquium: Social and Behavioral Sciences: Women and Madness; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 W.....7:00pm- 9:30pm (HBK 0123) DIS Weinstein-Alber

HONR148B (PermReq) Freshman Honors Colloquium: Social and Behavioral Sciences: Humor, Cognition, and Communication; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Taught by Dr. Edward Fink, Distinguished Scholar Teacher. 3 credits
0101 W.....10:00am- 1:00pm (HBK 0123) DIS Fink, E

HONR148C (PermReq) Freshman Honors Colloquium: Social and Behavioral Sciences: What Use Is Education?; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 Tu.....9:30am-12:00pm (HBK 0108) DIS Lawrence, J

HONR318A (PermReq) Honors Seminar: Cultural and Historical: Vietnam: America's Longest War; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 Tu.....6:00pm- 9:00pm (HBK 0123) DIS Straw, P

HONR318B (PermReq) Honors Seminar: Cultural and Historical: The Vision of the Vanquished; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 Th.....2:00pm- 4:30pm (HBK 0123) DIS Rabasa, J

HONR318X (PermReq) Honors Seminar: Cultural and Historical: The Myth and Reality of Stereotyping; Grade Method: REG; Meets USP Distributive Studies (A) Cultural and Historical requirement; Restricted to students who are members of the Honors Learning Community (HLC). 3 credits
0101 W.....3:00pm- 5:30pm (HBK 0108) DIS Bell, O

HONR338A (PermReq) Honors Seminar: Literature and the Arts: A Different Way of Seeing: Native American Perception; Grade Method: REG; Meets USP Distributive Studies (C) Literature and the Arts requirement; At times class will meet beyond the scheduled time. 3 credits
0101 F.....3:00pm- 5:00pm (HBK 0108) DIS Niese, H
Time and room to be arranged DIS

HONR348A (PermReq) Honors Seminar: Social and Behavioral Sciences: Technology and Social Change; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 F.....10:00am-12:30pm (EGR 0104) DIS Rothberg, M

HONR348B (PermReq) Honors Seminar: Social and Behavioral Sciences: Alternatives to Violence; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 W.....7:00pm- 9:30pm (HBK 0115) DIS McCarthy, C

HONR348C (PermReq) Honors Seminar: Social and Behavioral Sciences: The Rise of the East; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 M.....1:00pm- 3:30pm (HBK 0123) DIS Matossian, M

HONR368A (PermReq) Honors Seminar: Development of Knowledge: Cracking the Cosmic Code; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Taught by Dr. George Snow, Distinguished Scholar Teacher. 3 credits
0101 TuTh.....11:00am-12:15pm (HBK 0123) DIS Snow, G

HONR368B (PermReq) Honors Seminar: Development of Knowledge: Interpreting the Bible; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 Tu.....12:30pm- 3:00pm (HBK 0108) DIS Handelman, S

HONR370 (PermReq) Honors Thesis or Project; Grade Method: S-F; Available only to General Honors Students. 3-6 credits
0101 Time and room to be arranged STAFF

HONR378A (PermReq) Honors Seminar: Analysis of Human Problems: Lawyers and the Adversary System; Grade Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 F.....9:30am-12:00pm (HBK 0123) DIS Pavela, G

HONR378B (PermReq) Honors Seminar: Analysis of Human Problems: Leadership; Grade Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 Tu.....2:00pm- 4:45pm (LEF 2123) Stone, C

HONR378C (PermReq) Honors Seminar: Analysis of Human Problems: Ethical Decision-Making and Public Policy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 M.....2:00pm- 4:30pm (SKN 1113) Galston, W

HONR379 (PermReq) Honors Independent Study; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Available only to General Honors students. 1-6 credits

HONR379A (PermReq) Honors Independent Study: Writing Workshop; Grade Method: S-F; Students may register for more than 3 credits with permission of instructor. Writing Workshop may be repeated, for a total of 6 credits, with permission of instructor. 3-6 credits
0101 Th.....4:30pm- 7:30pm (HBK 0108) DIS Retallack, J
0201 F.....10:00am- 1:00pm (HBK 0108) DIS Retallack, J

HONR386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with HONR 387. 1-3 credits

HONR387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with HONR 386. 1-3 credits

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HORT Horticulture (Agriculture)

HORT100 Introduction to Horticulture; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 MWF.....9:00am- 9:50am (ARM 0112) Graves, W

HORT202 Management of Horticultural Crops; Grade Method: REG/AUD; Section 0101 instructors are F. Gouin and C. Mc Clurg. Pre- or corequisite: BIOL 105 or BOTN 101. 4 credits
0101 TuTh.....12:30pm- 1:45pm (HZF 1108) Gouin, F
Tu.....2:00pm- 5:00pm (HAR 1105) LAB

HORT260 Graphic Communications; Grade Method: REG/P-F/AUD; Prerequisites: HORT 160 and EDIT 160. 2 credits
0101 MW.....1:00pm- 3:00pm (HZF 2106) LAB Scarfo, R

HORT386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HORT387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HORT398 Seminar; Grade Method: REG/P-F/AUD; Prerequisite: senior standing. Horticultural majors only. 1 credit
0101 W.....4:00pm- 4:50pm (HZF 0128B) Ng, T

HORT399 (PermReq) Special Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 2 credits

HORT432 Greenhouse Crop Production; Grade Method: REG/P-F/AUD; Prerequisite: HORT 201, 202; pre- or corequisite: BOTN 441. 3 credits
0101 MWF.....9:00am- 9:50am (HZF 1106) Hershey, D

HORT452 Principles of Landscape Establishment and Maintenance; Grade Method: REG/P-F/AUD; Prerequisite: HORT 201, 202, 453, or 454. 3 credits
0101 TuTh.....8:00am- 8:50am (HZF 1101) Graves, W
Th.....1:00pm- 3:50pm (HAR 1105) LAB

HORT454 Woody Plant Materials II; Grade Method: REG/P-F/AUD; Prerequisite: BOTN 212. 3 credits
0101 MF.....1:00pm- 1:50pm (SYM 0200) Mityga, H
W.....1:00pm- 4:00pm (HZF 0128B) LAB

HORT464 Principles of Landscape Construction; Grade Method: REG/P-F/AUD; Prerequisite: HORT 361. 3 credits
0101 MW.....10:00am-10:50am (HZF 0128B) Hamed, S
MW.....11:00am-12:50pm (HZF 2106) LAB

HORT466 Advanced Landscape Design; Grade Method: REG/AUD; Prerequisite: HORT 462, 465. Pre- or corequisite: HORT 452. 3 credits
0101 Tu.....9:00am-10:50am (HZF 2106) Gould Jr., W
Th.....9:00am-11:50am (HZF 2106) LAB

HORT472 Advanced Plant Propagation; Grade Method: REG/AUD; Prerequisite: HORT 201, 202, 271. 2 credits
0101 Tu.....1:00pm- 1:50pm (HZF 0101) Swartz, H
Th.....2:00pm- 4:50pm (HZF 0101) LAB
0201 W.....12:00pm-12:50pm (HZF 0101) Swartz, H
W.....1:00pm- 3:50pm (HZF 0101) LAB

HORT489T Special Topics in Horticulture: Urban Landscape Design; Grade Method: REG/AUD; Prerequisites: HORT 160, HORT 260, HORT 361. 2 credits
0101 Tu.....2:00pm- 2:50pm (HZF 1108) Hamed, S
Tu.....3:00pm- 5:00pm (HZF 2106) LAB

HORT489U Special Topics in Horticulture: Floral Development; Grade Method: REG/P-F/AUD; Section 0101 instructors are G. Deitzer and W. E. Healy. Prerequisite: BOTN 101 or equivalent. 2 credits
0101 TuTh.....10:00am-10:50am (HZF 1101) Deitzer, G

HORT699 (PermReq) Special Problems in Horticulture; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HORT783 Environmental Factors and Horticultural Plants; Grade Method: REG/AUD; Prerequisite: BOTN 441. 3 credits
0101 TuTh.....8:00am- 9:15am (HZF 1106) Stutte, G

HORT784 Current Advances in Plant Breeding; Grade Method: REG/AUD; Prerequisite: HORT 274 or BOTN 414. 3 credits
0101 TuTh.....11:00am-12:15pm (HZF 1108) Ng, T

HORT798 Advanced Seminar; Grade Method: REG/AUD; 1 credit
0101 Th.....4:00pm- 4:50pm (HZF 0128B) Quebedeaux, B

HORT799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HORT899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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HSAD Housing and Design (Arts and Humanities)

HSAD210 Presentation Techniques I; Grade Method: REG/P-F/AUD; Prerequisite: APDS 103. Interior design majors only. Attendance is mandatory. 3 credits
0101 TuTh.....4:30pm- 7:00pm (MMH 1108) STAFF

HSAD246 Materials of Interior Design; Grade Method: REG/P-F/AUD; Attendance is mandatory. 3 credits
0101 MWF.....9:00am- 9:50am (MMH 1304) Hoover, B

HSAD341 Contemporary Developments in Architecture, Interiors, Furnishings; Grade Method: REG/P-F/AUD; Offered spring only. Suggested prerequisite: HSAD 340. Attendance is mandatory. 3 credits
0101 MF.....4:00pm- 5:15pm (MMH 1400) STAFF

HSAD342 Space Development; Grade Method: REG/P-F/AUD; Prerequisites: EDIT 160, HSAD 210, and HSAD 246. Interior design majors only. Attendance is mandatory. 3 credits
0101 TuTh.....11:00am- 1:30pm (MMH 1108) LAB Francescato, G

HSAD343 Interior Design I; Grade Method: REG/P-F/AUD; Prerequisites: HSAD 342. Interior design majors only. Attendance is mandatory. 3 credits
0101 MW.....11:00am- 1:30pm (MMH 1108) LAB Hoover, B

HSAD344 Interior Design II; Grade Method: REG/P-F/AUD; Prerequisite: HSAD 343. Interior design majors only. Attendance is mandatory. 3 credits
0101 TuTh.....1:30pm- 4:00pm (MMH 1108) LAB STAFF

HSAD345 Professional Aspects of Interior Design; Grade Method: REG/P-F/AUD; Prerequisite: HSAD 343. Interior design majors only. Attendance is mandatory. 3 credits
0101 W.....2:00pm- 3:00pm (MMH 0108) Hoover, B
F.....2:00pm- 3:30pm (SKN 1106) LAB

HSAD362 Ideas in Design; Grade Method: REG/P-F/AUD; Prerequisite: Completion of Distributive Studies areas A and C. Attendence is mandatory. 3 credits
0101 MW.....2:00pm- 3:15pm (ASY 2309) Bonta, J

HSAD386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with HSAD 387. Portfolio review and written consent of instructor required. 1-3 credits

HSAD387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with HSAD 386. Portfolio review and written consent of instructor required. 1-3 credits

HSAD440 Interior Design III; Grade Method: REG/P-F/AUD; Class meets first 8 weeks: Jan 26- March 13. Students must be enrolled concurrently in HSAD 441. Prerequisite: HSAD 344. Interior design majors only. Attendance is mandatory. 4 credits
0101 Meets 01/23/89 - 03/17/89 Fabiano, F
MWF.....1:30pm- 5:30pm (MMH 1108) LAB

HSAD441 Interior Design IV; Grade Method: REG/P-F/AUD; Class meets second 8 weeks: March 23- May 14. Students must be enrolled concurrently in HSAD 440. Interior design majors only. Attendance is mandatory. 4 credits
0101 Meets 03/27/89 - 05/15/89 Fabiano, F
MWF.....1:30pm- 5:30pm (MMH 1108) LAB

HSAD460 Housing Costs and Financing; Grade Method: REG; Attendance is mandatory. 3 credits
0101 MW.....8:00am- 9:15am (SKN 1106) Chen, A

HSAD488A Selected Topics in Housing and Interior Design: CADD (Computer-Aided Design and Drafting); Grade Method: REG/P-F/AUD; Prerequisite: HSAD 342 and HSAD 488C or consent of instructor. Attendance is mandatory. 3 credits
0101 Tu.....8:00am-11:00am (MMH 1413A) Eckersley, M
Th.....8:00am-11:00am (MMH 1413A) LAB

HSAD488B (PermReq) Selected Topics in Housing and Interior Design; Grade Method: REG/P-F/AUD; Prerequisite: permission of instructor. Attendance is mandatory. 2-3 credits
0101 Time and room to be arranged STAFF

HSAD488C Selected Topics in Housing and Interior Design: Introduction to Computer Graphics; Grade Method: REG; Attendance is mandatory. 3 credits
0101 MW.....11:00am-12:15pm (LEF 1210) Chen, A

HSAD488E (PermReq) Selected Topics in Housing and Interior Design: Housing for the Elderly; Grade Method: REG; Attendance is mandatory. 3 credits
0101 M.....12:30pm- 3:00pm (TAA 1122) Chen, A

HSAD488G Selected Topics in Housing and Interior Design: Computer Imaging; Grade Method: REG/P-F/AUD; Prerequisite: consent of instructor. Attendance is mandatory. 3 credits

0101 Th.....3:30pm- 5:00pm (MMH 1413A) Gips, C
Tu.....2:00pm- 5:00pm (MMH 1413A) LAB

HSAD488J Selected Topics in Housing and Interior Design: Design, Geometry and the Computer; Grade Method: REG/P-F/AUD; Prerequisite: one computer course or permission of instructor. Attendance is mandatory. 3 credits
0101 W.....10:30am-12:00pm (MMH 1413A) Bonta, J
M.....10:30am- 1:00pm (MMH 1413A) LAB

HSAD488K (PermReq) Selected Topics in Housing and Interior Design: Urban Management: Personnel, Budgeting, and Planning; Grade Method: REG/P-F/AUD; **Attendance is mandatory.** 3 credits
0101 Tu.....6:30pm- 9:10pm (LEF 1201) Levin, M

HSAD4880 Selected Topics in Housing and Interior Design: Politics and Planning; Grade Method: REG/P-F/AUD; Attendance is mandatory. 3 credits
0101 W.....4:00pm- 6:30pm (LEF 1179) Baum, H

HSAD499A (PermReq) Individual Study in Housing and/or Interior Design; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3-4 credits

HSAD499B (PermReq) Individual Study in Housing and/or Interior Design; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3-4 credits

HSAD658E (PermReq) Special Topics in Housing and Interior Design: Housing for the Elderly; Grade Method: REG; 3 credits
0101 M.....12:30pm- 3:00pm (TAA 1122) Chen, A

ITAL Italian (Arts and Humanities)

Please note: a booklet fully describing courses to be offered is available in the office of the Department of French and Italian, 3106 Ramon Jimenez Building. For help in placement advising, see Dr. Charles Russell.

ITAL101 Elementary Italian I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits
0101 MTuWF.....9:00am- 9:50am (JMZ 0122) STAFF
0201 MWF.....10:00am-10:50am (JMZ 0122) STAFF
Tu.....10:00am-10:50am (JMZ 0122)
0301 MWF.....11:00am-11:50am (JMZ 0103) STAFF
Tu.....11:00am-11:50am (JMZ 0118)
0401 MWF.....12:00pm-12:50pm (JMZ 0103) STAFF
Tu.....12:00pm-12:50pm (JMZ 0118)
0501 MWF.....1:00pm- 1:50pm (JMZ 0103) STAFF
Tu.....1:00pm- 1:50pm (JMZ 0118)

ITAL102 Elementary Italian II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Open to students who have taken ITAL 101 or with permission of instructor. 4 credits
0101 MWThF.....9:00am- 9:50am (JMZ 3118) STAFF
0201 MWThF.....11:00am-11:50am (JMZ 0122) STAFF
0301 MWThF.....12:00pm-12:50pm (JMZ 0122) STAFF

ITAL122 Accelerated Italian II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2123) STAFF

ITAL122H Accelerated Italian II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2123) STAFF

ITAL203 Intermediate Italian; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 4 credits

0101 MWF.....10:00am-10:50am (JMZ 2122) STAFF
Th.....10:00am-10:50am (JMZ 0122)

ITAL204 Review Grammar and Composition; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 3118) Russell, C

ITAL211 Intermediate Conversation; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....11:00am-11:50am (JMZ 3120) Russell, C

ITAL301 Composition and Style; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 2122) Amodeo, S

ITAL352 Italian Literature From the Renaissance to the Present; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 2122) Falvo, G

ITAL399 (PermReq) Directed Study in Italian; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Supervised work under professor of student's choice with consent of instructor. 1-3 credits

ITAL410 The Italian Renaissance; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Class is taught in English. 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 2122) Falvo, G

ITAL411 Dante; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Class is taught in English. 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2125) Russell, C

ITAL498B Special Topics in Italian Literature: The Italian Renaissance; Grade Method: REG/P-F/AUD; Class taught in Italian. Meets one additional hour per week. See Dr. Falvo for details. 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 2122) Falvo, G

ITAL498C Special Topics in Italian Literature: Dante; Grade Method: REG/P-F/AUD; Class taught in Italian. Meets one additional hour per week. See Dr. Russell for details. 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2125) Russell, C

ITAL499E Special Topics in Italian Studies: The Legend of Don Juan; Grade Method: REG/P-F/AUD; Class is taught in English. 3 credits
0101 W.....2:00pm- 4:40pm (JMZ 3120) Russell, C

ITAL499I Special Topics in Italian Studies: The Legend of Don Juan; Grade Method: REG/P-F/AUD; Class is taught in Italian. 3 credits
0101 W.....2:00pm- 4:40pm (JMZ 3120) Russell, C

IVSP Individual Studies Program (Undergraduate Studies)

IVSP318 (PermReq) Individual Studies; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-15 credits

IVSP319 (PermReq) Tutorial Report; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. 1 credit

IVSP320 (PermReq) Bachelor's Report; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

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JAPN Japanese (Arts and Humanities)

JAPN102 Elementary Japanese II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 6 credits
0101 MWF.....9:00am-11:00am (ARM 0119) Miura, E
0201 MWF.....9:00am-11:00am (ARM 0110) Yaginuma, K
0301 MWF.....11:00am- 1:00pm (ARM 0116) Ramsey, S

JAPN203 Intermediate Spoken Japanese II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....11:00am-11:50am (JMZ 1124) Miura, E
0201 MWF.....11:00am-11:50am (JMZ 0202) Yaginuma, K

JAPN204 Intermediate Written Japanese II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 1109) Kerkham, H

JAPN302 Advanced Japanese II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 1123) Sano, T

JAPN304 Business Japanese II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 1124) Yaginuma, K

JAPN402 Readings in Modern Japanese II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 1123) Miura, E

JAPN404 Classical Japanese II; Grade Method: REG/P-F/AUD; 3 credits
0101 Time and room to be arranged Kerkham, H

JAPN415 Modern Japanese Fiction in Translation; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....1:00pm- 2:15pm (JMZ 1109) Rimer, T
Time and room to be arranged DIS

JAPN422 Introductory Japanese Linguistics; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 0202) Ramsey, S

JAPN499 (PermReq) Directed Study in Japanese: Diplomatic Translation; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

JAPN499B Directed Study in Japanese; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged STAFF

JOUR Journalism (Journalism)

JOUR001 Professional Orientation; Grade Method: REG; Majors only. Co-requisite: JOUR 201. The notation (1) credit is used only for billing and full-time or part-time status. This course does not carry credit towards any degree at the University, although it is required for majors in journalism. 1 credit
0101 W.....2:00pm- 2:50pm (ASY 2203) Stewart, G

JOUR002 (PermReq) Professional Practicum; Grade Method: S-F; Majors only. The notation (1) credit is used only for billing and full-time or part-time status. This course does not carry credit towards any degree at the University. 1 credit
0101 TBA (JRN 1118) LAB STAFF

JOUR100 Introduction to Mass Communication; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits

0101 TuTh.....2:00pm- 3:15pm (ARC 0204) Hiebert, R

JOUR201 Writing For Mass Media; Grade Method: REG; Majors only. Prerequisites: Provisional admission to major and 30 wpm typing ability; a 5 minute typing test is required prior to registration. It will be offered January 20, 27, 2-4 pm, and February 1, 8-10am, in JRN 3103. A proficiency test for applicability of JOUR 201 credit taken at another institution will be given January 27, 2-4pm, in JRN 3102. Register for the proficiency test in JRN 1117. Students must demonstrate grammar competency to pass JOUR 201. Satisfactory performance on a test of language skills (TLS) or Test of Standard Written English (TWSE) is required. Students are advised to take the test of language skills prior to enrolling. Check with department for testing dates and times. Note: students enrolling in JOUR 201 must concurrently enroll for JOUR 001. 3 credits
0101 Tu.....10:00am-12:00pm (JRN 3102) STAFF
Th.....10:00am-12:00pm (JRN 3102) LAB
0201 Tu.....8:00am-10:00am (JRN 3103) STAFF
Th.....8:00am-10:00am (JRN 3103) LAB
0301 Tu.....10:00am-12:00pm (JRN 3103) Kovarik, W
Th.....10:00am-12:00pm (JRN 3103) LAB
0401 Tu.....12:00pm- 2:00pm (JRN 3103) STAFF
Th.....12:00pm- 2:00pm (JRN 3103) LAB
0501 M.....4:00pm- 6:00pm (JRN 3102) Marra, F
W.....4:00pm- 6:00pm (JRN 3102) LAB
0601 Tu.....2:00pm- 4:00pm (JRN 3103) Kovarik, W
Th.....2:00pm- 4:00pm (JRN 3103) LAB
0701 Tu.....6:00pm- 8:00pm (JRN 3102) STAFF
Th.....6:00pm- 8:00pm (JRN 3102) LAB

JOUR202 Editing For the Mass Media; Grade Method: REG; Prerequisite: grade of C or better in JOUR 201. For majors only. Must have at least 28 credit hours earned. 3 credits
0101 Tu.....8:00am-10:00am (JRN 3111) STAFF
Th.....8:00am-10:00am (JRN 3111) LAB
0201 Tu.....6:00pm- 8:00pm (JRN 3111) STAFF
Th.....6:00pm- 8:00pm (JRN 3111) LAB
0301 Tu.....12:00pm- 2:00pm (JRN 3111) Stepp Jr., A
Th.....12:00pm- 2:00pm (JRN 3111) LAB
0401 M.....8:00am-10:00am (JRN 3111) STAFF
W.....8:00am-10:00am (JRN 3111) LAB
0501 Tu.....4:00pm- 6:00pm (JRN 3103) STAFF
Th.....4:00pm- 6:00pm (JRN 3103) LAB
0601 M.....6:00pm- 8:00pm (JRN 3102) STAFF
W.....6:00pm- 8:00pm (JRN 3102) LAB

JOUR320 News Reporting; Grade Method: REG; Prerequisite: grade of C or better in JOUR 202. Majors only. 3 credits
0101 M.....4:00pm- 6:00pm (JRN 3103) Holman, B
W.....4:00pm- 6:00pm (JRN 3103) LAB
0201 M.....8:00am-10:00am (JRN 3102) STAFF
W.....8:00am-10:00am (JRN 3102) LAB
0301 Tu.....6:00pm- 8:00pm (JRN 3103) STAFF
Th.....6:00pm- 8:00pm (JRN 3103) LAB
0401 M.....2:00pm- 4:00pm (JRN 3111) Stepp Jr., A
W.....2:00pm- 4:00pm (JRN 3111) LAB

JOUR321 Advanced Reporting: Public Affairs; Grade Method: REG; Prerequisite: JOUR 320 and permission of instructor. Majors only. 3 credits
0101 M.....6:00pm- 9:00pm (JRN 1105) Allen, I

JOUR322 Advanced Reporting: Beats and Investigation; Grade Method: REG; Prerequisite: JOUR 320. 3 credits
0101 W.....12:00pm- 2:00pm (JRN 1116) Stepp Jr., A
Time and room to be arranged DIS

JOUR330 Public Relations Theory; Grade Method: REG; Prerequisite: grade of C or better in JOUR 201. Majors and BMGT 0515A and BMGT 05090. 3 credits
0101 MW.....12:30pm- 1:45pm (JRN 1104) Grunig, L

JOUR331 Public Relations Techniques; Grade Method: REG; Prerequisites: grade of C or better in JOUR 202; and 330. Journalism majors (0602F) only. 3 credits
0101 Tu.....12:00pm- 2:00pm (JRN 3102) McAdams, K
Th.....12:00pm- 2:00pm (JRN 3102) LAB
0201 M.....10:00am-12:00pm (JRN 3102) Grunig, L
W.....10:00am-12:00pm (JRN 3102) LAB

JOUR334 Public Relations Programs; Grade Method: REG; Prerequisite: grade of C or better in JOUR 202; and JOUR 330. 3 credits
0101 TuTh.....11:00am-12:15pm (JRN 1104) Hiebert, R

JOUR340 Advertising Communication; Grade Method: REG; Prerequisite: grade of C or better in JOUR 201. Majors only and BMGT 0515A and BMGT 05090. 3 credits
0101 W.....2:00pm- 5:00pm (JRN 1105) Zanot, E

JOUR341 Advertising Techniques; Grade Method: REG; Prerequisites: grade of C or better in JOUR 202; and 340. Journalism majors (0602A) only. 3 credits
0101 Tu.....10:00am-12:00pm (JRN 3111) Zanot, E
Th.....10:00am-12:00pm (JRN 3111) LAB
0201 Tu.....2:00pm- 4:00pm (JRN 3111) Zanot, E
Th.....2:00pm- 4:00pm (JRN 3111) LAB

JOUR342 Advertising Media Planning; Grade Method: REG/P-F/AUD; Prerequisite: JOUR 340. 3 credits
0101 M.....9:00am-10:15am (JRN 1104) Keenan, K
W.....9:00am-10:15am (JRN 1104) LAB
0201 M.....11:00am-12:15pm (JRN 1104) Keenan, K
W.....11:00am-12:15pm (JRN 1104) LAB

JOUR350 Photojournalism; Grade Method: REG; Prerequisite: grade of C or better in JOUR 201. Not open to students with credit in JOUR 372. Majors only. Students should estimate lab costs running approximately $135 plus 35 mm equipment. 3 credits
0101 M.....9:00am-11:00am (JRN 1105) Roche, J
M.....11:00am- 1:00pm (JRN 2116) LAB
0102 M.....9:00am-11:00am (JRN 1105) Roche, J
Tu.....11:00am- 1:00pm (JRN 2116) LAB
0103 M.....9:00am-11:00am (JRN 1105) Roche, J
W.....11:00am- 1:00pm (JRN 2116) LAB

JOUR351 Advanced Photojournalism; Grade Method: REG; Prerequisite: JOUR 350. Class expenses will be approximately $125 plus 35mm equipment. Students will spend several hours per week on field assignments in addition to scheduled class sessions. 3 credits
0101 Th.....9:00am-12:00pm (JRN 2116) LAB Roche, J

JOUR360 Broadcast News I; Grade Method: REG/P-F/AUD; Prerequisite: grade of C or better in JOUR 202. Majors only. 3 credits
0101 M.....12:00pm- 2:00pm (JRN 3102) Holman, B
W.....12:00pm- 2:00pm (JRN 3102) LAB
0201 Tu.....2:00pm- 4:00pm (JRN 3102) Levy, M
Th.....2:00pm- 4:00pm (JRN 3102) LAB

JOUR361 Broadcast News II; Grade Method: REG; Prerequisite: JOUR 360. Majors only. Class expenses will be approximately $25. Students will spend several hours per week on field assignments, in addition to scheduled class sessions. 3 credits
0101 Tu.....1:00pm- 5:00pm (JRN 1116) Barkin, S

JOUR371 Magazine Article and Feature Writing; Grade Method: REG; Prerequisite: JOUR 320. Majors only. 3 credits
0101 Tu.....8:00am-10:00am (JRN 3102) Paterson, J
Th.....8:00am-10:00am (JRN 3102) LAB
0201 M.....6:00pm- 8:00pm (JRN 3103) STAFF
W.....6:00pm- 8:00pm (JRN 3103) LAB

JOUR373 Graphics; Grade Method: REG; Prerequisite: grade of C or better in JOUR 202. Majors only. 3 credits
0101 M.....6:00pm-10:00pm (JRN 1117) LAB Smith, M
0201 W.....6:00pm-10:00pm (JRN 1117) LAB STAFF

JOUR380 Science Writing for Magazines and Newspapers; Grade Method: REG; Prerequisite: JOUR 320. 3 credits
0101 Tu.....6:00pm- 9:00pm (JRN 1103) Franklin, J

JOUR396 Supervised Internship; Grade Method: REG; Prerequisite: grade of C or better in JOUR 202. Majors only. Student must have completed JOUR 202 and first skills course in sequence, JOUR (320, 331, 341, 360). Site and placement arrangements must be approved in advance in room JRN 1118 no later than 02/01/89. 3 credits
0101 TBA (JRN 1118) Kay, L

JOUR398 (PermReq) Independent Study; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

JOUR400 Law of Mass Communication; Grade Method: REG; 3 credits
0101 TuTh.....5:00pm- 6:15pm (ASY 2309) Greenfeld, A

JOUR410 History of Mass Communication; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (JRN 1105) Paterson, J

JOUR450 Mass Media in Society; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (JRN 1104) Gurevitch, M

JOUR452 Women in the Media; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....12:30pm- 1:45pm (JRN 1105) Beasley, M

JOUR459D Special Topics in Mass Communication: Mass Media and Politics; Grade Method: REG; Course offered by a Baltimore Sun Distinguished Lecturer. 3 credits
0101 W.....2:00pm- 5:00pm (JRN 1116) STAFF

JOUR459K Special Topics in Mass Communication: Law of Advertising; Grade Method: REG; 3 credits
0101 TuTh.....2:00pm- 3:15pm (JRN 1105) Greenfeld, A

JOUR461 Newspaper Management; Grade Method: REG; 3 credits
0101 TuTh.....2:00pm- 3:15pm (JRN 1104) Smith, M

JOUR477 Mass Communication Research; Grade Method: REG; Prerequisite: MATH 110 or equivalent. 3 credits
0101 TuTh.....3:30pm- 4:45pm (JRN 1105) McAdams, K
0201 MW.....2:00pm- 3:15pm (JRN 1104) Keenan, K

JOUR481 Writing the Complex Story; Grade Method: REG; Prerequisite: JOUR 320 or 380. Majors only. Must have at least 56 credits earned. 3 credits
0101 W.....6:00pm- 9:00pm (JRN 1104) LAB Franklin, J

JOUR483 Public Relations Campaigns; Grade Method: REG; Prerequisite: JOUR 331. 3 credits
0101 TuTh.....9:30am-10:45am (JRN 1105) Zerbinos, E

JOUR484 Advertising Campaigns; Grade Method: REG/P-F/AUD; Prerequisite: JOUR 341. Majors only. Must have at least 56 credits earned. 3 credits
0101 TuTh.....4:00pm- 6:00pm (JRN 3111) STAFF

JOUR600 Research Methods in Mass Communication; Grade Method: REG/AUD; JOUR and PCOM majors only. 3 credits
0101 Tu.....9:00am-12:00pm (JRN 1116) Smith, M

JOUR601 Theories of Mass Communication; Grade Method: REG/AUD; Not open to students with credit in JOUR 612. (Formerly JOUR 612.) JOUR and PCOM majors only. 3 credits
0101 Tu.....6:00pm- 9:00pm (JRN 1116) Levy, M

JOUR621 Interpretation of Contemporary Affairs; Grade Method: REG/AUD; Prerequisite: JOUR 320. 3 credits
0101 W.....6:00pm- 9:00pm (JRN 1116) Beasley, M

JOUR631 Seminar in Public Relations Publics; Grade Method: REG/AUD; 3 credits
0101 M.....6:00pm- 9:00pm (JRN 1116) Zerbinos, E

JOUR680 Science Communication; Grade Method: REG/AUD; 3 credits
0101 Th.....6:00pm- 9:00pm (JRN 1116) Grunig, J

JOUR698 (PermReq) Special Problems in Communication; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

JOUR731 Cross-cultural Communication; Grade Method: REG/AUD; 3 credits
0101 M.....9:00am-12:00pm (JRN 1116) Martin, L

JOUR760 Seminar in Broadcast News; Grade Method: REG/AUD; 3 credits
0101 Th.....2:00pm- 5:00pm (JRN 1116) Barkin, S

JOUR798 (PermReq) Masters Professional Fieldwork; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 2-6 credits

JOUR799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

JOUR818 Seminar in Communication Theories; Grade Method: REG/AUD; — 3 credits
0101 Th.....9:00am-12:00pm (JRN 1116) Gurevitch, M

LATN Latin (Arts and Humanities)

LATN101 Elementary Latin; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 4 credits
0101 TuTh.....10:00am-11:50am (COL 0100) Haury, A
0201 MW.....10:00am-11:50am (HZF 1101) Donohue, J
0301 MWF.....10:00am-10:50am (COL 0102) Millan, W
M.....2:00pm- 2:50pm (COL 0102)
0401 MWF.....12:00pm-12:50pm (COL 3111) Millan, W
W.....2:00pm- 2:50pm (COL 0102)

LATN102 Elementary Latin; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Prerequisite: LATN 101. — 4 credits
0101 TuTh.....1:00pm- 2:50pm (HZF 1101) Haury, A
0201 MW.....1:00pm- 2:50pm (HZF 1102) Donohue, J

LATN203 Intermediate Latin I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....11:00am-11:50am (HZF 1102) STAFF

LATN204 Intermediate Latin II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MWF.....11:00am-11:50am (COL 0102) Hallett, J

LATN405 Lucretius; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 0122) Staley, G

LATN499 (PermReq) Independent Study in Latin Language and Literature; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

LATN622 The Age of Caesar; Grade Method: REG/AUD; — 3 credits
0101 W.....6:00pm- 8:40pm (JMZ 0103) Rowland, R

LATN623 The Augustan Age; Grade Method: REG/AUD; — 3 credits
0101 M.....6:00pm- 8:40pm (JMZ 0120) Stehle, E

LATN699 Independent Studies in Latin Literature; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

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LBSC Library Science (Library & Info Services)

All LBSC courses numbered 600 and above require permission of department. Check course listing for specific restrictions. Courses LBSC 600, 651 and 671 are required upon entry into the program.

LBSC600 (PermReq) Proseminar: the Development and Operation of Libraries and Information Services; Grade Method: REG/AUD; Required of all MLS students. — 3 credits
0101 MW.....11:00am-12:15pm (HBK 0109) Aversa, E
0201 M.....5:30pm- 8:15pm (HBK 0109) Aversa, E

LBSC621 (PermReq) Library Service to the Disadvantaged; Grade Method: REG/AUD; — 3 credits
0101 M.....2:30pm- 5:15pm (HBK 0103) Cunningham, W

LBSC630 (PermReq) Library Administration; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (HBK 0109) Wasserman, P

LBSC641 (PermReq) Selection and Evaluation of Instructional Media; Grade Method: REG/AUD; — 3 credits
0101 Tu.....5:30pm- 8:15pm (HBK 0103) Allred, K

LBSC645 (PermReq) Children's Literature and Materials; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....1:00pm- 2:15pm (HBK 0115) MacLeod, A
0201 Th.....5:30pm- 8:15pm (HBK 0115) Salvadore, M

LBSC651 (PermReq) Introduction to Reference and Information Services; Grade Method: REG/AUD; Required of all MLS students. — 3 credits
0101 MW.....9:30am-10:45am (HBK 0103) Wilson, W
0201 W.....5:30pm- 8:15pm (HBK 0109) Cunningham, W

LBSC671 (PermReq) Organization of Recorded Knowledge; Grade Method: REG/AUD; Required of all MLS students. — 3 credits
0101 MW.....1:00pm- 2:15pm (HBK 0103) Jeng, L
0201 Tu.....5:30pm- 8:15pm (HBK 0109) STAFF

LBSC690 (PermReq) Introduction to Data Processing For Libraries and Information Services; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....1:00pm- 2:15pm (HBK 0103) Choi, J

LBSC691 (PermReq) Microcomputers in Information Processing; Grade Method: REG/AUD; — 3 credits
0101 Th.....5:30pm- 8:15pm (HBK 0105) Keller, P

LBSC701 (PermReq) Research Methods in Library and Information Activity; Grade Method: REG/AUD; — 3 credits
0101 MW.....11:00am-12:15pm (HBK 4113) Marchionini, G

LBSC704 (PermReq) Seminar in Information Science; Grade Method: REG/AUD; — 3 credits
0101 Th.....1:00pm- 3:45pm (HBK 4115) Heilprin, L

LBSC706 (PermReq) Seminar in International and Comparative Librarianship and Information Science; Grade Method: REG/AUD; — 3 credits
0101 Tu.....2:00pm- 4:45pm (HBK 4113) Wasserman, P

LBSC707 (PermReq) Field Study in Library Service; Grade Method: REG/AUD; Prerequisites: LBSC 600, 651, 671, 690 or 691. Signed instructor approval form must be presented to CLIS Admission Office. — 3 credits
0101 Time and room to be arranged Cunningham, W

LBSC708D (PermReq) Special Topics in Library and Information Service: Database Management; Grade Method: REG/AUD; — 3 credits
0101 Tu.....2:30pm- 5:15pm (HBK 4115) Soergel, D

LBSC708F (PermReq) Special Topics in Library and Information Service: Principles of Human-Computer Communication; Grade Method: REG/AUD; — 3 credits
0101 W.....5:30pm- 8:15pm (HBK 4115) Marchionini, G

LBSC708Q (PermReq) Special Topics in Library and Information Service: Information for Decision Making; Grade Method: REG/AUD; — 3 credits
0101 Tu.....9:30am-12:15pm (HBK 4113) Walston, C

LBSC708R (PermReq) Special Topics in Library and Information Service: Principles of Records Management; Grade Method: REG/AUD; — 3 credits
0101 Th.....9:30am-12:15pm (HBK 0103) Burke, F

LBSC709 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Signed independent study form must be presented to CLIS Admissions Office. — 1-3 credits

LBSC737 (PermReq) Seminar in the Special Library and Information Center; Grade Method: REG/AUD; — 3 credits
0101 Th.....5:30pm- 8:15pm (HBK 0109) STAFF

LBSC741 (PermReq) Seminar in School Library Media Programs; Grade Method: REG/AUD; — 3 credits
0101 M.....5:30pm- 8:15pm (HBK 4113) Liesener, J

LBSC742 (PermReq) Instructional Development Roles for Library/Media Specialists; Grade Method: REG/AUD; — 3 credits
0101 Th.....5:30pm- 8:15pm (HBK 0103) Neuman, D

LBSC744 (PermReq) Field Study in School Library Media Programs; Grade Method: REG/AUD; Prerequisite: LBSC 741 and permission of instructor. — 3 credits
0101 W.....1:00pm- 3:45pm (HBK 4115) Liesener, J

LBSC745 (PermReq) Storytelling Materials and Techniques; Grade Method: REG/AUD; — 3 credits
0101 Th.....9:30am-12:15pm (HBK 4115) Sheldon, A

LBSC748 (PermReq) Advanced Seminar in Children's Literature; Grade Method: REG/AUD; Prerequisite: LBSC 645. Instructor approval form must be presented to CLIS Admissions Office and registration must be accompanied by Course Authorization Form. — 3 credits
0101 Tu.....9:30am-12:15pm (HBK 4115) MacLeod, A

LBSC750 (PermReq) Advanced Reference Services; Grade Method: REG/AUD; Registration must be accompanied by Course Authorization Form. — 3 credits
0101 MW.....11:00am-12:15pm (HBK 0105) White, M
0201 Tu.....5:30pm- 8:15pm (HBK 0105) Choi, J

LBSC762 (PermReq) Health Information Sources and Their Use; Grade Method: REG/AUD; — 3 credits
0101 W.....2:15pm- 5:00pm (HBK 4113) Sewell, W

LBSC767 (PermReq) Governmental Information Systems; Grade Method: REG/AUD; — 3 credits
0101 MW.....1:00pm- 2:15pm (HBK 0105) White, M

LBSC770 (PermReq) Bibliographic Control; Grade Method: REG/AUD; Prerequisite: LBSC 671. — 3 credits
0101 M.....5:30pm- 8:15pm (HBK 0103) Jeng, L

LBSC775 (PermReq) Construction and Maintenance of Index Languages and Thesauri; Grade Method: REG/AUD; Prerequisite: LBSC 675 or LBSC 671 or permission of instructor. — 3 credits
0101 Th.....2:30pm- 5:15pm (HBK 0103) Soergel, D

LBSC782 (PermReq) Seminar On Manuscript Collections; Grade Method: REG/AUD; — 3 credits
0101 M.....5:30pm- 8:15pm (HBK 0105) Burke, F

LBSC783 (PermReq) Seminar in Technical Services; Grade Method: REG/AUD; — 3 credits
0101 W.....5:30pm- 8:15pm (HBK 0103) Costabile, S

LBSC786 (PermReq) Conservation of Archival and Library Materials; Grade Method: REG/AUD; — 3 credits
0101 W.....6:30pm- 9:15pm (HBK 0105) Garlick, K

LBSC787 (PermReq) Planning of Library Facilities; Grade Method: REG/AUD; — 3 credits
0101 M.....2:30pm- 5:15pm (HBK 4113) Wellisch, H

LBSC794 (PermReq) Principles of Software Evaluation; Grade Method: REG/AUD; — 3 credits
0101 Tu.....5:30pm- 8:15pm (HBK 4115) Neuman, D

LBSC802 (PermReq) Seminar in Research Methods and Data Analysis; Grade Method: REG/AUD; Prerequisites: coursework in statistics and introduction to research methods. Instructors are Drs. E. Aversa and G. Marchionini. — 3 credits
0101 W.....2:00pm- 4:45pm (HBK 4105G) Aversa, E

LBSC899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

For LENF courses, see CJUS (Institute of Criminal Justice and Criminology).

LING Linguistics (Arts and Humanities)

LING200 Introductory Linguistics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Basis for future work in linguistics. — 3 credits
0101 MWF.....2:00pm- 2:50pm (COL 3110) Merlo, P
0201 TuTh.....9:30am-10:45am (JMZ 2206) Munn, A
0301 TuTh.....12:30pm- 1:45pm (COL 3110) Kim, J
0401 MWF.....10:00am-10:50am (COL 3109) Clough, L

LING240 Language and Mind; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 TuTh.....9:30am-10:45am (HBK 0117) Gorrell, P

LING312 Syntax II; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (HBK 0117) Webelhuth, G

LING322 Phonology II; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (HBK 1112) Huffman, M

LING411 Comparative Syntax; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....4:00pm- 6:00pm (HBK 1112) Hornstein, N
Time and room to be arranged DIS

LING421 Advanced Phonology; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....1:45pm- 3:45pm (MIL 1106) Huffman, M
Time and room to be arranged DIS

LING429 (PermReq) Topics in Phonology; Grade Method: REG/P-F/AUD; — 3 credits
0101 Time and room to be arranged Huffman, M

LING439T Topics in Diachronic Linguistics: Sanskrit II; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 3205) Fleck, J

LING440 Grammars and Cognition; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits
0101 TuTh.....11:00am-12:15pm (COL 3109) Lebeaux, D

LING499 (PermReq) Directed Studies in Linguistics; Grade Method: REG/P-F; — 1-3 credits
0101 Time and room to be arranged Hornstein, N

LING611 Issues in Syntax; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:00pm- 6:00pm (HBK 1112) Hornstein, N
Time and room to be arranged DIS

LING621 (PermReq) Issues in Phonology; Grade Method: REG/AUD; — 3 credits
0101 Tu.....1:45pm- 3:45pm (MIL 1106) Huffman, M
Time and room to be arranged DIS

LING644 Language Acquisition; Grade Method: REG/AUD; — 3 credits
0101 Th.....2:00pm- 4:00pm (MIL 1106) Lebeaux, D
Time and room to be arranged DIS

LING645 (PermReq) Speech Processing; Grade Method: REG/AUD; — 3 credits
0101 W.....1:00pm- 3:00pm (GEO 1120) Gorrell, P
Time and room to be arranged DIS

LING659 (PermReq) Structure of a Language: Romance Syntax; Grade Method: REG/AUD; — 3 credits
0101 Th.....12:00pm- 2:00pm (MIL 1106) Picallo, C
Time and room to be arranged DIS

LING698 (PermReq) Directed Study; Grade Method: REG; — 3 credits
0101 Th.....3:30pm- 5:30pm (HBK 1112) STAFF
Time and room to be arranged DIS

LING799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

LING819 (PermReq) Seminar in Syntactic Theory: Verb Movement; Grade Method: REG/AUD; — 3 credits
0101 W.....3:30pm- 5:30pm (HBK 0125) Webelhuth, G
Time and room to be arranged DIS

LING819A (PermReq) Seminar in Syntactic Theory: Case Theory; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:00pm- 6:00pm (MIL 1106) Picallo, C
Time and room to be arranged DIS

LING895 (PermReq) Doctoral Research Paper; Grade Method: REG; — 1-6 credits
0101 Time and room to be arranged Hornstein, N

LING899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; — 1-8 credits
0101 Time and room to be arranged Hornstein, N

MAPL Applied Mathematics (Comp, Math, & Phys Sci)

MAPL460 Computational Methods; Grade Method: REG/P-F/AUD; Crosslisted with CMSC 460. — 3 credits
0101 MWF.....9:00am- 9:50am (CHM 0127) Nochetto, R
0201 TuTh.....12:30pm- 1:45pm (MTH 0201) Vogelius, M

MAPL466 Introduction to Numerical Analysis I; Grade Method: REG/P-F/AUD; Crosslisted with CMSC 466. — 3 credits
0101 MWF.....10:00am-10:50am (EGR 2107) Hummel, J
0201 TuTh.....9:30am-10:45am (MTH 0401) Stewart, G

MAPL467 Introduction to Numerical Analysis II; Grade Method: REG/P-F/AUD; Crosslisted with CMSC 467. — 3 credits
0101 MWF.....10:00am-10:50am (MTH 0302) Babuska, I

MAPL498A Selected Topics in Applied Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

MAPL604 Numerical Solution of Nonlinear Equations; Grade Method: REG/AUD; Crosslisted with CMSC 772. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (MTH 0306) Kellogg, R

MAPL614 Mathematics of the Finite Element Method; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (MTH 0107) Osborn, J

MAPL666 Numerical Analysis I; Grade Method: REG/AUD; Crosslisted with CMSC 666. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 0303) Stewart, G

MAPL667 Numerical Analysis II; Grade Method: REG/AUD; Crosslisted with CMSC 667. — 3 credits
0101 MWF.....2:00pm- 2:50pm (MTH 0305) Arnold, D

MAPL671 Ordinary Differential Equations II; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (MTH 0104) Alexander, J

MAPL674 Classical Methods in Partial Differential Equations II; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (MTH 1313) Cooper, J

MAPL681 Eigenvalue and Boundary Value Problems II; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH B0423) Antman, S

MAPL698A Advanced Topics in Applied Mathematics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

MAPL698C Advanced Topics in Applied Mathematics: Computational Fluid Mechanics; Grade Method: REG/AUD; — 3 credits
0301 TuTh.....12:30pm- 1:45pm (MTH 0301) Glaz, H

MAPL699 Applied Mathematics Seminar; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged STAFF

MAPL799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

MAPL899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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MATH Mathematics (Comp, Math, & Phys Sci)

MATH001 Review of High School Algebra; Grade Method: REG; The notation (3) credits is used only for billing and full-time or part-time status. This course does not carry credit towards any degree at the university. Course chairperson- Cleary. There is a special fee of $125 for MATH 001. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. Students registering for MATH 001 who experience math anxiety or feel deficient in math study skills should refer to EDCP 108M, Building Confidence and Study Skills in Mathematics. — 3 credits
0101 MWF.....10:00am-10:50am (MTH 0102) STAFF
0201 MWF.....11:00am-11:50am (MTH 0102) STAFF
0202 MWF.....11:00am-11:50am (MTH B0425) STAFF
0401 MWF.....2:00pm- 2:50pm (MTH 0401) STAFF
0501 TuTh.....9:30am-10:45am (MTH 0102) STAFF
0601 TuTh.....11:00am-12:15pm (MTH 0102) STAFF

MATH002 Advanced Review of High School Algebra; Grade Method: REG/P-F/AUD; Course chairperson- Cleary. The notation 3 credits is used for billing and full-time or part-time status. This course does not carry credit toward any degree at the university. There is a special $125 fee for MATH 002. MATH 002 is intended for persons wishing to take MATH 115 or MATH 220. Anyone registering for MATH 002 must have already completed at least one full year of high school algebra. Students registering for MATH 002 who experience math anxiety or feel deficient in math study skills should refer to EDCP 108M, Building Confidence and Study Skills in Mathematics. — 3 credits
0101 MWF.....10:00am-10:50am (MTH 0401) STAFF
0201 MWF.....11:00am-11:50am (MTH 0401) STAFF
0202 MWF.....11:00am-11:50am (MTH 0104) STAFF
0301 MWF.....12:00pm-12:50pm (MTH 0401) STAFF
0401 MW.....2:00pm- 3:15pm (MTH 0107) STAFF

MATH110 (PermReq) Elementary Mathematical Models; Grade Method: REG/P-F/AUD; Permission of department based on satisfactory score on the mathematics placement exam, or MATH 001. MATH 110 is not open to students majoring in mathematics, engineering or the physical sciences. — 3 credits
0101 MWF.....8:00am- 8:50am (MTH 0303) STAFF
0102 MWF.....8:00am- 8:50am (MTH 0101) STAFF
0103 MWF.....8:00am- 8:50am (MTH 0103) STAFF
0201 MWF.....9:00am- 9:50am (MTH 0303) STAFF
0202 MWF.....9:00am- 9:50am (MTH 0101) STAFF
0203 MWF.....9:00am- 9:50am (MTH 0103) STAFF
0301 MWF.....10:00am-10:50am (MTH 0101) STAFF
0302 MWF.....10:00am-10:50am (MTH 0103) STAFF
0401 MWF.....11:00am-11:50am (MTH 0101) STAFF
0402 MWF.....11:00am-11:50am (MTH 0103) STAFF
0501 MWF.....1:00pm- 1:50pm (MTH 0103) STAFF
0502 MWF.....1:00pm- 1:50pm (MTH 0403) STAFF
0503 MWF.....1:00pm- 1:50pm (MTH 0305) STAFF
0601 MWF.....2:00pm- 2:50pm (MTH 0103) STAFF
0602 MWF.....2:00pm- 2:50pm (MTH 0403) STAFF
0701 MWF.....3:00pm- 3:50pm (MTH 0303) STAFF
0702 MWF.....3:00pm- 3:50pm (MTH 0101) STAFF
0703 MWF.....3:00pm- 3:50pm (MTH 0306) STAFF
0801 MWF.....4:00pm- 4:50pm (MTH 0303) STAFF
0802 MWF.....4:00pm- 4:50pm (MTH 0101) STAFF
0803 MWF.....4:00pm- 4:50pm (MTH 0306) STAFF

MATH111 Introduction to Probability; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Permission of department based on satisfactory score on the mathematics placement exam or MATH 110 or MATH 115. Credit may not be given for both MATH 111 and STAT 100. MATH 111 is not open to students majoring in — 3 credits

mathematics, engineering or the physical sciences.

0101 MWF.....10:00am-10:50am (MTH 0201) STAFF
0201 MWF.....11:00am-11:50am (MTH 0201) STAFF
0204 MWF.....11:00am-11:50am (MTH 0303) Herb, R
0301 MWF.....1:00pm- 1:50pm (MTH B0421) STAFF
0401 MWF.....2:00pm- 2:50pm (MTH B0421) STAFF

MATH115 Precalculus; Grade Method: REG/P-F/AUD; 3 credits
(PermReq) Permission of department based on satisfactory score on the mathematics placement exam or MATH 002. Preparation for MATH 220 or MATH 140.

0111 MWF.....8:00am- 8:50am (MTH B0421) STAFF
0112 MWF.....8:00am- 8:50am (MTH 0201) Gulick, F
0113 MWF.....8:00am- 8:50am (MTH 0405) STAFF
0211 MWF.....9:00am- 9:50am (MTH B0421) STAFF
0212 MWF.....9:00am- 9:50am (MTH 0201) STAFF
0213 MWF.....9:00am- 9:50am (MTH B0423) STAFF
0311 MWF.....3:00pm- 3:50pm (MTH B0421) STAFF
0312 MWF.....3:00pm- 3:50pm (MTH 0201) STAFF
0313 MWF.....3:00pm- 3:50pm (MTH 0106) STAFF
0411 MWF.....4:00pm- 4:50pm (MTH B0421) STAFF
0412 MWF.....4:00pm- 4:50pm (MTH 0201) STAFF
0413 MWF.....4:00pm- 4:50pm (MTH 0106) STAFF

MATH140 Calculus I; Grade Method: REG/P-F/AUD; 4 credits
(PermReq) Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and satisfactory score on the mathematics placement exam or MATH 115. Credit will not be given for both MATH 140 and MATH 220.

0111 MWF.....8:00am- 8:50am (PHY 1412) Issa, A
TuTh.....8:00am- 8:50am (MTH 0201) DIS
0121 MWF.....8:00am- 8:50am (PHY 1412) Issa, A
TuTh.....9:00am- 9:50am (MTH 0101) DIS
0131 MWF.....8:00am- 8:50am (PHY 1412) Issa, A
TuTh.....10:00am-10:50am (MTH 0103) DIS
0141 MWF.....8:00am- 8:50am (PHY 1412) Issa, A
TuTh.....11:00am-11:50am (MTH 0103) DIS
0211 MWF.....10:00am-10:50am (ARM 0135) Jones, C
TuTh.....8:00am- 8:50am (MTH B0421) DIS
0221 MWF.....10:00am-10:50am (ARM 0135) Jones, C
TuTh.....9:00am- 9:50am (MTH B0421) DIS
0231 MWF.....10:00am-10:50am (ARM 0135) Jones, C
TuTh.....10:00am-10:50am (MTH B0421) DIS
0241 MWF.....10:00am-10:50am (ARM 0135) Jones, C
TuTh.....11:00am-11:50am (MTH B0421) DIS
0311 MWF.....11:00am-11:50am (ARM 0135) Horvath, J
TuTh.....9:00am- 9:50am (MTH 0106) DIS
0321 MWF.....11:00am-11:50am (ARM 0135) Horvath, J
TuTh.....10:00am-10:50am (MTH 0101) DIS
0331 MWF.....11:00am-11:50am (ARM 0135) Horvath, J
TuTh.....11:00am-11:50am (MTH 0101) DIS
0341 MWF.....11:00am-11:50am (ARM 0135) Horvath, J
TuTh.....1:00pm- 1:50pm (MTH 0103) DIS
0411 MWF.....12:00pm-12:50pm (ARM 0135) Adams, W
TuTh.....10:00am-10:50am (MTH 0305) DIS
0421 MWF.....12:00pm-12:50pm (ARM 0135) Adams, W
TuTh.....11:00am-11:50am (MTH 0106) DIS
0431 MWF.....12:00pm-12:50pm (ARM 0135) Adams, W
TuTh.....12:00pm-12:50pm (MTH 0409) DIS
0441 MWF.....12:00pm-12:50pm (ARM 0135) Adams, W
TuTh.....1:00pm- 1:50pm (MTH B0421) DIS
0511 MWF.....2:00pm- 2:50pm (ARM 0135) Bagby, R
TuTh.....1:00pm- 1:50pm (MTH 0303) DIS
0512 MWF.....2:00pm- 2:50pm (ARM 0135) Bagby, R
TuTh.....1:00pm- 1:50pm (MTH 0101) DIS
0521 MWF.....2:00pm- 2:50pm (ARM 0135) Bagby, R
TuTh.....2:00pm- 2:50pm (MTH B0421) DIS
0531 MWF.....2:00pm- 2:50pm (ARM 0135) Bagby, R
TuTh.....3:00pm- 3:50pm (MTH B0421) DIS

MATH141 Calculus II; Grade Method: REG/P-F/AUD; 4 credits
Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Credit will not be given for both MATH 141 and MATH 221

0111 MWF.....9:00am- 9:50am (ARM 0131) Wolfe, P
TuTh.....8:00am- 8:50am (MTH 0303) DIS
0121 MWF.....9:00am- 9:50am (ARM 0131) Wolfe, P
TuTh.....9:00am- 9:50am (MTH 0304) DIS
0123 MWF.....9:00am- 9:50am (ARM 0131) Wolfe, P
TuTh.....9:00am- 9:50am (MTH 0305) DIS
0131 MWF.....9:00am- 9:50am (ARM 0131) Wolfe, P
TuTh.....10:00am-10:50am (MTH 0304) DIS
0211 MWF.....10:00am-10:50am (ARM 0131) Ellis, R
TuTh.....8:00am- 8:50am (MTH 0304) DIS
0221 MWF.....10:00am-10:50am (ARM 0131) Ellis, R
TuTh.....9:00am- 9:50am (MTH 0307) DIS
0231 MWF.....10:00am-10:50am (ARM 0131) Ellis, R
TuTh.....10:00am-10:50am (MTH 0306) DIS
0241 MWF.....10:00am-10:50am (ARM 0131) Ellis, R
TuTh.....11:00am-11:50am (MTH 0306) DIS
0311 MWF.....12:00pm-12:50pm (ARM 0131) Sather, J
TuTh.....11:00am-11:50am (MTH 0304) DIS
0321 MWF.....12:00pm-12:50pm (ARM 0131) Sather, J
TuTh.....12:00pm-12:50pm (MTH 0106) DIS
0331 MWF.....12:00pm-12:50pm (ARM 0131) Sather, J
TuTh.....1:00pm- 1:50pm (MTH 0304) DIS
0341 MWF.....12:00pm-12:50pm (ARM 0131) Sather, J
TuTh.....2:00pm- 2:50pm (MTH 0101) DIS
0411 MWF.....1:00pm- 1:50pm (ARM 0135) Warner, C
TuTh.....12:00pm-12:50pm (MTH 0103) DIS
0421 MWF.....1:00pm- 1:50pm (ARM 0135) Warner, C
TuTh.....1:00pm- 1:50pm (MTH 0305) DIS
0431 MWF.....1:00pm- 1:50pm (ARM 0135) Warner, C
TuTh.....2:00pm- 2:50pm (MTH 0103) DIS
0441 MWF.....1:00pm- 1:50pm (ARM 0135) Warner, C
TuTh.....3:00pm- 3:50pm (MTH 0201) DIS
0511 MWF.....2:00pm- 2:50pm (ARM 0131) Glaz, H
TuTh.....12:00pm-12:50pm (MTH 0101) DIS
0521 MWF.....2:00pm- 2:50pm (ARM 0131) Glaz, H
TuTh.....1:00pm- 1:50pm (MTH 0403) DIS
0531 MWF.....2:00pm- 2:50pm (ARM 0131) Glaz, H
TuTh.....2:00pm- 2:50pm (MTH 0305) DIS
0541 MWF.....2:00pm- 2:50pm (ARM 0131) Glaz, H
TuTh.....3:00pm- 3:50pm (MTH 0106) DIS

MATH141H Calculus II; Grade Method: REG/P-F/AUD; 4 credits
(PermReq) Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Open only to University General Honors students. Credit will not be given for both MATH 141H and MATH 221.

2011 TuWThF....12:00pm-12:50pm (MTH B0427) Correl, E

MATH210 Elements of Mathematics; Grade Method: 4 credits
REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; MATH 210 is open only to the following majors: 08230-educ. early childhood, 0823X pre-early childhood educ, 08020-educ elem, 0802X-pre-elem educ, 0808B-spec educ, 0808X-pre-special educ.

0101 MW.....8:00am- 8:50am (MTH B0425) STAFF
F.....8:00am-10:00am (MTH B0425)
0201 MW.....9:00am- 9:50am (MTH B0425) STAFF
Tu.....8:00am-10:00am (MTH B0425)
0301 MTu.....11:00am-11:50am (MTH B0429) STAFF
W.....11:00am- 1:00pm (MTH B0429)
0401 MF.....1:00pm- 1:50pm (MTH B0429) STAFF
W.....1:00pm- 3:00pm (MTH B0429)
0501 MF.....2:00pm- 2:50pm (MTH B0429) STAFF
Th.....1:00pm- 3:00pm (MTH B0429)

MATH211 Elements of Geometry; Grade Method: 4 credits
REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: MATH 210.

0101 MF.....8:00am- 8:50am (MTH B0427) STAFF
W.....8:00am-10:00am (MTH B0427)
0201 MF.....9:00am- 9:50am (MTH B0427) STAFF
Th.....8:00am-10:00am (MTH B0427)
0301 MF.....1:00pm- 1:50pm (MTH B0427) STAFF
W.....1:00pm- 3:00pm (MTH B0427)
0401 MF.....2:00pm- 2:50pm (MTH 1311) STAFF
W.....1:00pm- 3:00pm (MTH 1311)
0501 MW.....11:00am-11:50am (MTH B0427) STAFF
Tu.....10:00am-12:00pm (MTH B0427)

MATH220 Elementary Calculus I; Grade Method: 3 credits
(PermReq) REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Permission of the department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and satisfactory performance on the mathematics placement exam, or MATH 115. Credit will not be given for both MATH 220 and MATH 140. MATH 220 is not open to students majoring in mathematics, engineering or the physical sciences.

0111 MWF.....9:00am- 9:50am (ARC 0204) STAFF
Tu.....8:00am- 8:50am (MTH 0407) DIS
0121 MWF.....9:00am- 9:50am (ARC 0204) STAFF
Tu.....9:00am- 9:50am (MTH 0407) DIS
0131 MWF.....9:00am- 9:50am (ARC 0204) STAFF
Tu.....10:00am-10:50am (MTH 0407) DIS
0141 MWF.....9:00am- 9:50am (ARC 0204) STAFF
Tu.....11:00am-11:50am (MTH 0407) DIS
0251 MWF.....1:00pm- 1:50pm (ARM 0131) Neri, U
Tu.....1:00pm- 1:50pm (MTH 0409) DIS
0261 MWF.....1:00pm- 1:50pm (ARM 0131) Neri, U
Tu.....2:00pm- 2:50pm (MTH 0409) DIS
0271 MWF.....1:00pm- 1:50pm (ARM 0131) Neri, U
Tu.....3:00pm- 3:50pm (MTH 0409) DIS
0281 MWF.....1:00pm- 1:50pm (ARM 0131) Neri, U
Tu.....4:00pm- 4:50pm (MTH 0409) DIS
0351 MW.....3:00pm- 4:15pm (ARM 0135) Schneider, D
Th.....1:00pm- 1:50pm (MTH 0409) DIS
0361 MW.....3:00pm- 4:15pm (ARM 0135) Schneider, D
Th.....2:00pm- 2:50pm (MTH 0409) DIS
0371 MW.....3:00pm- 4:15pm (ARM 0135) Schneider, D
Th.....3:00pm- 3:50pm (MTH 0409) DIS
0381 MW.....3:00pm- 4:15pm (ARM 0135) Schneider, D
Th.....4:00pm- 4:50pm (MTH 0409) DIS
0411 TuTh.....9:30am-10:45am (ARM 0131) STAFF
W.....8:00am- 8:50am (MTH 0407) DIS
0421 TuTh.....9:30am-10:45am (ARM 0131) STAFF
W.....9:00am- 9:50am (MTH 0407) DIS
0431 TuTh.....9:30am-10:45am (ARM 0131) STAFF
W.....11:00am-11:50am (MTH 0407) DIS
0441 TuTh.....9:30am-10:45am (ARM 0131) STAFF
W.....12:00pm-12:50pm (MTH 0307) DIS
0551 TuTh.....12:30pm- 1:45pm (ARM 0131) Goldberg, S
M.....1:00pm- 1:50pm (MTH 0407) DIS
0561 TuTh.....12:30pm- 1:45pm (ARM 0131) Goldberg, S
M.....2:00pm- 2:50pm (MTH 0407) DIS
0571 TuTh.....12:30pm- 1:45pm (ARM 0131) Goldberg, S
M.....3:00pm- 3:50pm (MTH 0407) DIS
0581 TuTh.....12:30pm- 1:45pm (ARM 0131) Goldberg, S
M.....4:00pm- 4:50pm (MTH 0407) DIS
0651 TuTh.....2:00pm- 3:15pm (ARM 0131) Kudla, S
F.....1:00pm- 1:50pm (MTH 0407) DIS
0661 TuTh.....2:00pm- 3:15pm (ARM 0131) Kudla, S
F.....2:00pm- 2:50pm (MTH 0407) DIS
0671 TuTh.....2:00pm- 3:15pm (ARM 0131) Kudla, S
F.....3:00pm- 3:50pm (MTH 0407) DIS
0681 TuTh.....2:00pm- 3:15pm (ARM 0131) Kudla, S
F.....4:00pm- 4:50pm (MTH 0407) DIS

MATH221 Elementary Calculus II; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Credit will not be given for both MATH 221 and MATH 141. MATH 221 is not open to students majoring in mathematics, engineering or the physical sciences.

0111 TuTh.....11:00am-12:15pm (ARM 0131) Zedek, M
F.....8:00am- 8:50am (MTH 0409) DIS
0121 TuTh.....11:00am-12:15pm (ARM 0131) Zedek, M
F.....9:00am- 9:50am (MTH 0405) DIS
0131 TuTh.....11:00am-12:15pm (ARM 0131) Zedek, M
F.....11:00am-11:50am (MTH 0409) DIS
0141 TuTh.....11:00am-12:15pm (ARM 0131) Zedek, M
F.....12:00pm-12:50pm (MTH 0409) DIS
0251 TuTh.....2:00pm- 3:15pm (ARM 0135) Janik, T
W.....1:00pm- 1:50pm (MTH 0409) DIS
0261 TuTh.....2:00pm- 3:15pm (ARM 0135) Janik, T
W.....2:00pm- 2:50pm (MTH 0409) DIS
0271 TuTh.....2:00pm- 3:15pm (ARM 0135) Janik, T
W.....3:00pm- 3:50pm (MTH 0409) DIS
0281 TuTh.....2:00pm- 3:15pm (ARM 0135) Janik, T
W.....4:00pm- 4:50pm (MTH 0409) DIS

MATH240 Introduction to Linear Algebra; Grade 4 credits
Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Credit will be given for only one of MATH 240, MATH 400 or MATH 461.

0111 MWF.....11:00am-11:50am (ARM 0131) Boyle, M
TuTh.....8:00am- 8:50am (MTH 0307) DIS
0121 MWF.....11:00am-11:50am (ARM 0131) Boyle, M
TuTh.....10:00am-10:50am (MTH B0423) DIS
0131 MWF.....11:00am-11:50am (ARM 0131) Boyle, M
TuTh.....12:00pm-12:50pm (MTH B0429) DIS
0141 MWF.....11:00am-11:50am (ARM 0131) Boyle, M
TuTh.....2:00pm- 2:50pm (MTH 0307) DIS
1101 MWThF.....9:00am- 9:50am (MTH 0409) Lay, D

MATH241 Calculus III; Grade Method: REG/P-F/AUD; 4 credits
Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement;

1211 MWF.....9:00am- 9:50am (ARM 0135) Gulick, D
TuTh.....8:00am- 8:50am (MTH 0403) DIS
1221 MWF.....9:00am- 9:50am (ARM 0135) Gulick, D
TuTh.....9:00am- 9:50am (MTH 0201) DIS
1231 MWF.....9:00am- 9:50am (ARM 0135) Gulick, D
TuTh.....10:00am-10:50am (MTH 0403) DIS
1241 MWF.....9:00am- 9:50am (ARM 0135) Gulick, D
TuTh.....12:00pm-12:50pm (MTH B0421) DIS
1301 WF.....8:00am- 8:50am (MTH 0104) Fiebig, U
WF.....9:00am- 9:50am (MTH 0104) DIS
1401 MWF.....10:00am-10:50am (MTH 0405) Lopez-Escobar,
W.....9:00am- 9:50am (MTH 0405) DIS
1501 MWF.....11:00am-11:50am (MTH 0405) Eisenberg, A
W.....12:00pm-12:50pm (MTH 0405) DIS
1601 MWF.....12:00pm-12:50pm (MTH 0407) Lehner, G
Tu.....12:00pm-12:50pm (MTH 0407) DIS
1701 MWF.....1:00pm- 1:50pm (MTH 0405) Yger, A
F.....12:00pm-12:50pm (MTH 0405)
1801 TuTh.....11:00am-12:15pm (MTH 0405) King, H
F.....10:00am-10:50am (MTH 0409) DIS
1901 TuTh.....12:30pm- 1:45pm (MTH 0405) Kellogg, R
M.....1:00pm- 1:50pm (MTH 0409) DIS

MATH241H Calculus III; Grade Method: REG/P-F/AUD; 4 credits
(PermReq) Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Open only to General University Honors students.

2011 MWThF.....8:00am- 8:50am (MTH 0302) Hummel, J
2111 TuTh.....4:00pm- 6:00pm (MTH 0102) Olver, F

MATH246 Differential Equations For Scientists and 3 credits
Engineers; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement;

0101 MWF.....8:00am- 8:50am (MTH 0403) Gray, A
0201 MWF.....9:00am- 9:50am (MTH 0403) Pejsachowicz, J
0301 MWF.....9:00am- 9:50am (MTH 0302) Yger, A
0401 MWF.....10:00am-10:50am (MTH 0104) Chu, H
0501 MWF.....10:00am-10:50am (MTH 0407) Currier, A
0601 MWF.....10:00am-10:50am (MTH 1313) Helzer, G
0801 MWF.....11:00am-11:50am (MTH 0105) Cohen, J
0901 MWF.....12:00pm-12:50pm (MTH 0306) Cook, C
1001 TuTh.....2:00pm- 3:15pm (MTH 0302) Choie, Y
1101 MWF.....1:00pm- 1:50pm (MTH 0307) Pearl, M
1201 MWF.....1:00pm- 1:50pm (MTH B0425) STAFF
1301 TuTh.....9:30am-10:45am (MTH 0405) Maddocks, J
1401 TuTh.....11:00am-12:15pm (MTH 0105) Adams, J
1501 TuTh.....12:30pm- 1:45pm (MTH 0105) Osborn, J

MATH246H Differential Equations For Scientists and 3 credits
(PermReq) Engineers; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement;

0101 MWF.....11:00am-11:50am (MTH 0307) Ehrlich, G

MATH251 Calculus IV (Honors); Grade Method: 4 credits
(PermReq) REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Required for majors in elementary education.

0111 TuTh.....2:00pm- 4:00pm (MTH 0301) Washington, L

MATH256 Introduction to Numerical Analysis; Grade 3 credits
Method: REG/P-F/AUD;

0201 TuTh.....3:30pm- 4:45pm (MTH 0307) Alexander, J

MATH299A Selected Topics in Mathematics; Grade 1-3 credits
Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

MATH386 Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
Individual Instruction course: contact department or instructor to obtain section number.

MATH387 Field Work Analysis; Grade Method: 1-3 credits
REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

MATH401 Applications of Linear Algebra; Grade 3 credits
Method: REG/P-F/AUD;

0101 TuTh.....12:30pm- 1:45pm (MTH 1313) Choie, Y
0201 MWF.....10:00am-10:50am (MTH 1308) Dancis, J
0301 TuTh.....9:30am-10:45am (MTH 1313) Brin, M

MATH402 Algebraic Structures; Grade Method: 3 credits
REG/P-F/AUD; Credit will be given for only one of the two courses MATH 402 and MATH 403. Not open to mathematics graduate students or to undergraduates interested in continuing to graduate school in mathematics.

0101 MWF.....2:00pm- 2:50pm (MTH 1313) Schneider, D

MATH403 Introduction to Abstract Algebra; Grade 3 credits
Method: REG/P-F/AUD; Credit will be given for only one of the two courses: MATH 403 and MATH 402.

0101 TuTh.....11:00am-12:15pm (MTH 0307) Kleppner, A

MATH404 Field Theory; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (MTH 0401) Ehrlich, G

MATH405 Linear Algebra; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (MTH 0401) Auslander, J

MATH408 Introduction to Number Theory; Grade 3 credits
Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement;

0101 MWF.....9:00am- 9:50am (MTH 1311) Issa, A
0301 MWF.....12:00pm-12:50pm (MTH 0303) Helzer, G
0401 MWF.....12:00pm-12:50pm (MTH B0421) Pearl, M

MATH410 Advanced Calculus I; Grade Method: 3 credits
(PermReq) REG/P-F/AUD;

0101 MWF.....11:00am-11:50am (MTH 1313) Neri, U
0201 MWF.....2:00pm- 2:50pm (MTH 0306) Fitzpatrick, P

MATH411 Advanced Calculus II; Grade Method: 3 credits
(PermReq) REG/P-F/AUD;

0101 MWF.....8:00am- 8:50am (MTH 1308) Berg, K
0201 MWF.....10:00am-10:50am (MTH 1311) Sweet, D
0301 MWF.....12:00pm-12:50pm (MTH 0304) Fitzpatrick, P

MATH414 Differential Equations; Grade Method: 3 credits
REG/P-F/AUD; Credit will be given for only one of the courses, MATH 414 or MATH 472.

0101 MWF.....9:00am- 9:50am (MTH 0411) Sather, J

MATH417 Introduction to Fourier Analysis; Grade 3 credits
Method: REG/P-F/AUD;

0101 MWF.....12:00pm-12:50pm (MTH 0104) Boyle, M

MATH430 Euclidean and Non-Euclidean Geometries; 3 credits
Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement;

0101 MWF.....2:00pm- 2:50pm (MTH 0405) Green, P
0201 TuTh.....12:30pm- 1:45pm (MTH 1308) STAFF

MATH444 Elementary Logic and Algorithms; Grade 3 credits
Method: REG/P-F/AUD;

0101 MWF.....12:00pm-12:50pm (EGR 2107) Green, P
0201 MWF.....1:00pm- 1:50pm (MTH 0306) Owings Jr., J

MATH446 Axiomatic Set Theory; Grade Method: 3 credits
REG/P-F/AUD;

0101 MWF.....10:00am-10:50am (MTH B0429) Kueker, D

MATH461 Linear Algebra For Scientists and 3 credits
Engineers; Grade Method: REG/P-F/AUD; Credit will be given for only one of MATH 240, MATH 400 or MATH 461. MATH 461 cannot be used to meet the upper level math requirements for MATH/STAT majors.

0101 MWF.....9:00am- 9:50am (MTH 1308) Sweet, D
0201 MWF.....11:00am-11:50am (MTH B0421) Hubbard, B
0301 MWF.....12:00pm-12:50pm (MTH 0201) Lay, D
0401 MWF.....12:00pm-12:50pm (MTH 0101) Lopez-Escobar,
0501 MWF.....2:00pm- 2:50pm (MTH 0307) Correl, E
0601 TuTh.....8:00am- 9:15am (MTH 0405) Johnson, R
0701 TuTh.....11:00am-12:15pm (MTH 1308) Greenberg, L
0801 TuTh.....12:30pm- 1:45pm (MTH 1311) Greenberg, L

MATH462 Partial Differential Equations For 3 credits
Scientists and Engineers; Grade Method: REG/P-F/AUD; Credit will be given for only one of the two courses, MATH 462 and MATH 415.

0101 MWF.....10:00am-10:50am (MTH 0411) Cook, C
0201 MWF.....2:00pm- 2:50pm (MTH 0304) Herb, R
0301 MWF.....2:00pm- 2:50pm (MTH 1308) Dancis, J
0401 TuTh.....9:30am-10:45am (MTH 0302) King, H
0501 TuTh.....12:30pm- 1:45pm (MTH 0302) Maddocks, J
0601 TuTh.....2:00pm- 3:15pm (MTH 1308) Lipsman, R

MATH463 Complex Variables For Scientists and 3 credits
Engineers; Grade Method: REG/P-F/AUD; Credit will be given for only one of the two courses, MATH 463 and MATH 413.

0101 MWF.....9:00am- 9:50am (MTH 1313) Chu, H
0201 MWF.....10:00am-10:50am (MTH 0305) Matthews, D
0301 MWF.....12:00pm-12:50pm (MTH 0105) Currier, A
0401 MWF.....12:00pm-12:50pm (MTH 1313) Ellis, R
0501 MWF.....1:00pm- 1:50pm (MTH 0302) Eisenberg, A
0601 MWF.....2:00pm- 2:50pm (MTH B0425) STAFF
0701 TuTh.....8:30am-10:45am (MTH 1308) Cooper, J
0801 TuTh.....2:00pm- 3:15pm (MTH 0105) Schafer, J
0901 TuTh.....2:00pm- 3:15pm (MTH 1313) Zedek, M

MATH464 Transform Methods For Scientists and 3 credits
Engineers; Grade Method: REG/P-F/AUD;

0101 TuTh.....9:30am-10:45am (MTH 0411) Benedetto, J
0201 MWF.....1:00pm- 1:50pm (MTH 1308) Hubbard, B

MATH475 Combinatorics and Graph Theory; Grade 3 credits
Method: REG/P-F/AUD;

0101 TuTh.....2:00pm- 3:15pm (MTH 0405) Evans, L

MATH478A Selected Topics For Teachers of 1-3 credits
Mathematics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. MATH 478A cannot be used toward the upper level MATH requirements for MATH/STAT majors. Earn credit for assisting in the classroom for selected mathematics courses. For further information come to MTH 1117.

MATH498A Selected Topics in Mathematics; Grade 1-16 credits
Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

MATH498B Selected Topics in Mathematics: Topics In 3 credits
Number Theory; Grade Method: REG/P-F/AUD;

0201 MWF.....2:00pm- 2:50pm (MTH 0104) Adams, W

MATH601 Abstract Algebra II; Grade Method: 3 credits
REG/AUD;

0101 TuTh.....3:30pm- 4:45pm (MTH 0105) Kudla, S

MATH602 Homological Algebra; Grade Method: 3 credits
REG/AUD;

0101 TuTh.....12:30pm- 1:45pm (MTH 0401) Schafer, J

MATH603 Commutative Algebra; Grade Method: 3 credits
REG/AUD;

0101 MWF.....9:00am- 9:50am (MTH 0102) Horvath, J

MATH608A Selected Topics in Algebra; Grade Method: 3 credits
REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

MATH608B Selected Topics in Algebra; Grade Method: 3 credits
REG/AUD;

0201 TuTh.....11:00am-12:15pm (MTH 0301) Washington, L

MATH630 Real Analysis I; Grade Method: REG/AUD; 3 credits
0101 MWF.....10:00am-10:50am (MTH 0105) Berg, K

MATH631 Real Analysis II; Grade Method: REG/AUD; 3 credits
0101 MWF.....11:00am-11:50am (MTH 0305) Warner, C

MATH634 Harmonic Analysis; Grade Method: REG/AUD; 3 credits
0101 MWF.....10:00am-10:50am (MTH 0107) Chang, D

MATH636 Representation Theory; Grade Method: 3 credits
REG/AUD;

0101 TuTh.....12:30pm- 1:45pm (MTH B0423) Adams, J

MATH643 Dynamical Systems II; Grade Method: 3 credits
REG/AUD;

0101 TuTh.....11:00am-12:15pm (MTH B0425) Brin, M

MATH648A Selected Topics in Analysis; Grade Method: 3 credits
REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

MATH648B Selected Topics in Analysis; Grade Method: 3 credits
REG/AUD;

0201 TuTh.....9:30am-10:45am (MTH 0107) Goldberg, S

MATH648C Selected Topics in Analysis: Selected 3 credits
Topics in Partial Differential Equations; Grade Method: REG/AUD;

0301 MWF.....9:00am- 9:50am (MTH 0401) Jones, C

MATH648D Selected Topics in Analysis: Harmonic 3 credits
Analysis; Grade Method: REG/AUD;

0101 TuTh.....11:00am-12:15pm (MTH 0104) Benedetto, J

MATH660 Complex Analysis I; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 0401) Olver, F

MATH661 Complex Analysis II; Grade Method: 3 credits
REG/AUD;

0101 MWF.....1:00pm- 1:50pm (MTH 0104) Wolpert, S

MATH688A Selected Topics in Complex Analysis; Grade 3 credits

Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

MATH668B Selected Topics in Complex Analysis: Multidimensional Residue Theory; Grade Method: REG/AUD; — 3 credits
0201 TuTh.....2:00pm- 3:15pm (MTH 0104) — Yger, A

MATH671 Ordinary Differential Equations II; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (MTH 0104) — Alexander, J

MATH674 Classical Methods in Partial Differential Equations II; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (MTH 1313) — Cooper, J

MATH681 Eigenvalue and Boundary Value Problems II; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH B0423) — Antman, S

MATH713 Mathematical Logic II; Grade Method: REG/AUD; — 3 credits
0101 MWF.....12:00pm-12:50pm (MTH 0102) — Kueker, D

MATH718A Selected Topics in Mathematical Logic; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

MATH718B Selected Topics in Mathematical Logic; Grade Method: REG/AUD; — 3 credits
0201 MWF.....11:00am-11:50am (MTH 1311) — Owings Jr., J

MATH734 Algebraic Topology; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (CHE 2145) — Stuck, G

MATH742 Differential Topology; Grade Method: REG/AUD; — 3 credits
0101 MWF.....12:00pm-12:50pm (MTH 0302) — Cohen, J

MATH748A Selected Topics in Geometry and Topology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

MATH748B Selected Topics in Geometry and Topology: K-Theory; Grade Method: REG/AUD; — 3 credits
0201 TuTh.....2:00pm- 3:15pm (MTH B0427) — Rosenberg, J

MATH748C Selected Topics in Geometry and Topology: Bounded Geometry; Grade Method: REG/AUD; — 3 credits
0301 TuTh.....12:30pm- 1:45pm (MTH 0102) — Grove, K

MATH799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

MATH899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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MEES Marine-Estuarine-Environmental Sciences (Life Sciences)

MEES608A Seminar in Marine-Estuarine-Environmental Sciences; Grade Method: REG/AUD; — 1 credit
0101 M.....4:00pm- 5:30pm (SYM 1308) — STAFF

MEES608B Seminar in Marine-Estuarine-Environmental Sciences; Grade Method: REG/AUD; Course meets at Chesapeake Biological Lab. — 1 credit
0101 Time and room to be arranged — STAFF

MEES608D Seminar in Marine-Estuarine-Environmental Sciences; Grade Method: REG/AUD; Course meets at Horn Point Environmental Lab. — 1 credit
0101 Time and room to be arranged — STAFF

MEES608E Seminar in Marine-Estuarine-Environmental Sciences; Grade Method: REG/AUD; Course given at Appalachian Environmental Laboratory — 1 credit
0101 Time and room to be arranged — Gates, J

MEES621 Ecology of Estuarine and Marine Environments; Grade Method: REG/AUD; — 3 credits
0101 Th.....2:00pm- 4:45pm (HZF 1108) — Newell, R

MEES641 Environmental Toxicology; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (SYM 1308) — Menzer, R

MEES642A Laboratory Methods in Toxicology; Grade Method: REG/AUD; — 2 credits
0101 W.....1:00pm- 5:00pm (SYM 2300) — Nelson, J

MEES642B Laboratory Methods in Toxicology; Grade Method: REG/AUD; — 1 credit
0101 Meets 01/24/89 - 03/15/89 — STAFF
W.....1:00pm- 5:00pm (SYM 2300) LAB

MEES698A Special Topics in Marine-Estuarine-Environmental Sciences: Fish Diseases; Grade Method: REG/AUD; — 2 credits
0101 Tu.....4:00pm- 6:00pm (ZOP 1232) — Hetrick, F

MEES698C Special Topics in Marine-Estuarine-Environmental Sciences: Wetland and Aquatic Plant Ecology; Grade Method: REG/AUD; Course given at Horn Point Environmental Laboratory — 4 credits
0101 Meets 03/29/89 - 05/31/89 — Stevenson, J
W.....1:30pm- 4:30pm (Arranged)
F.....8:30am- 4:00pm (Arranged) LAB

MEES699 (PermReq) Special Problems in Marine-Estuarine-Environmental Sciences; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

MEES799 (PermReq) Masters Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

MEES899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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MET0 Meteorology (Comp, Math, & Phys Sci)

MET0411 General Meteorology II; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (CSS 2114) — Thompson, O

MET0412 Physics and Thermodynamics of the Atmosphere; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....8:00am- 9:15am (CSS 2114) — Robock, A

MET0416 Introduction to Atmospheric Dynamics; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (CSS 2114) — STAFF

MET0460 Synoptic Meteorology I; Grade Method: REG/P-F/AUD; Corequisite: MET0 411 or equivalent. — 3 credits
0101 TuTh.....1:00pm- 4:00pm (CSS 2114) — STAFF

MET0499 (PermReq) Special Problems in Atmospheric Science; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

MET0611 Dynamic Meteorology II; Grade Method: REG/AUD; — 3 credits
0101 TBA (CSS 2114) — Baer, F

MET0630 Statistical Methods in Meteorology; Grade Method: REG/AUD; Prerequisites: MET0 411, STAT 400 or equivalent. — 3 credits
0101 MWF.....10:00am-10:50am (CSS 2114) — Vernekar, A

MET0637 Atmospheric Chemistry; Grade Method: REG/AUD; — 3 credits
0101 Time and room to be arranged — Dickerson, R

MET0658A Special Topics in Meteorology: Satellite Applications for Surface Climatology; Grade Method: REG/AUD; Prerequisites: MATH 241 and PHYS 263 or consent of instructor. — 3 credits
0101 TuTh.....11:00am-12:15pm (CSS 2114) — Pinker, R

MET0658C Special Topics in Meteorology: Advanced Topics in Atmospheric Radiation; Grade Method: REG/AUD; — 3 credits
0101 TBA (CSS 2114) — Ellingson, R

MET0658E (PermReq) Special Topics in Meteorology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

MET0658R Special Topics in Meteorology: Dynamical Oceanography; Grade Method: REG/AUD; — 3 credits
0101 MWF.....1:00pm- 1:50pm (CSS 2114) — Carton, J

MET0799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

MET0899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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MICB Microbiology (Life Sciences)

MICB100 Basic Microbiology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Labs will start on first day of classes. — 4 credits
0101 MWF.....10:00am-10:50am (ZOP 1250) — Cook, T
MW.....9:00am-10:00am (MCB 1206) LAB
0102 MWF.....10:00am-10:50am (ZOP 1250) — Cook, T
MW.....11:00am-12:00pm (MCB 1206) LAB
0103 MWF.....10:00am-10:50am (ZOP 1250) — Cook, T
MW.....12:00pm- 1:00pm (MCB 1206) LAB
0104 MWF.....10:00am-10:50am (ZOP 1250) — Cook, T
MW.....1:00pm- 2:00pm (MCB 1206) LAB
0105 MWF.....10:00am-10:50am (ZOP 1250) — Cook, T
MW.....2:00pm- 3:00pm (MCB 1206) LAB
0106 MWF.....10:00am-10:50am (ZOP 1250) — Cook, T
MW.....3:00pm- 4:00pm (MCB 1206) LAB

MICB200 General Microbiology; Grade Method: REG/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: two semesters of chemistry. Required for all MICB majors and prerequisite for all other departmental courses for MICB majors. Labs will start on first day of classes. — 4 credits
0101 TuTh.....11:00am-11:50am (SKN 0200) — Smith, A
MW.....9:00am-11:00am (MCB 1205) LAB
0102 TuTh.....11:00am-11:50am (SKN 0200) — Smith, A
MW.....9:00am-11:00am (MCB 1201) LAB
0103 TuTh.....11:00am-11:50am (SKN 0200) — Smith, A
MW.....12:00pm- 2:00pm (MCB 1205) LAB
0104 TuTh.....11:00am-11:50am (SKN 0200) — Smith, A
MW.....12:00pm- 2:00pm (MCB 1201) LAB
0106 TuTh.....11:00am-11:50am (SKN 0200) — Smith, A
MW.....2:00pm- 4:00pm (MCB 1205) LAB
0107 TuTh.....11:00am-11:50am (SKN 0200) — Smith, A
MW.....2:00pm- 4:00pm (MCB 1201) LAB
0109 TuTh.....11:00am-11:50am (SKN 0200) — Smith, A
TuTh.....9:00am-11:00am (MCB 1205) LAB
0110 TuTh.....11:00am-11:50am (SKN 0200) — Smith, A
TuTh.....9:00am-11:00am (MCB 1201) LAB
0112 TuTh.....11:00am-11:50am (SKN 0200) — Smith, A
TuTh.....12:00pm- 2:00pm (MCB 1205) LAB
0113 TuTh.....11:00am-11:50am (SKN 0200) — Smith, A
TuTh.....12:00pm- 2:00pm (MCB 1201) LAB
0115 TuTh.....11:00am-11:50am (SKN 0200) — Smith, A
TuTh.....2:00pm- 4:00pm (MCB 1205) LAB
0116 TuTh.....11:00am-11:50am (SKN 0200) — Smith, A
TuTh.....2:00pm- 4:00pm (MCB 1201) LAB

MICB310 Applied Microbiology; Grade Method: REG/P-F/AUD; Prerequisite: MICB 200. — 4 credits
0101 TuTh.....1:00pm- 1:50pm (MCB 1207) — Cook, T
TuTh.....9:00am-11:00am (MCB 1103A) LAB
0102 TuTh.....1:00pm- 1:50pm (MCB 1207) — Cook, T
TuTh.....9:00am-11:00am (MCB 1104) LAB
0103 TuTh.....1:00pm- 1:50pm (MCB 1207) — Cook, T
TuTh.....11:00am- 1:00pm (MCB 1103A) LAB
0104 TuTh.....1:00pm- 1:50pm (MCB 1207) — Cook, T
TuTh.....11:00am- 1:00pm (MCB 1104) LAB

MICB379 (PermReq) Honors Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Open only to departmental honors students. — 2-3 credits

MICB388 (PermReq) Special Topics in Microbiology; Grade Method: REG/P-F; Prerequisite: two lab courses in MICB. May be repeated but only 4 credits may be applied to major requirements. — 1-4 credits
0101 Time and room to be arranged — Joseph, S

MICB388A Special Topics in Microbiology: Immunology; Grade Method: REG/AUD; Prerequisite: MICB 440 or permission of instructor. — 2 credits
0101 TuTh.....11:00am-11:50am (MCB 1207) — Roberson, B
F.....10:00am-10:50am (MCB 1135) DIS

MICB388R Special Topics in Microbiology: Special Topics in Microbiology Research Projects; Grade Method: REG/P-F/AUD; — 1-4 credits
0101 Time and room to be arranged — Joseph, S

MICB388V (PermReq) Special Topics in Microbiology: Tissue Culture Laboratory; Grade Method: REG; Prerequisite or corequisite MICB 460; Permission of instructor required. — 2 credits
0101 TuTh.....12:00pm-12:50pm (MCB 1207) — Hetrick, F
TuTh.....12:00pm- 2:00pm (MCB 1138) LAB

MICB388Z Special Topics in Microbiology: Recombinant DNA Theory; Grade Method: REG/P-F/AUD; Prerequisites: ZOOL 211, ZOOL 213, MICB 380 or permission of instructor. — 3 credits
4001 TuTh.....9:30am-10:45am (ZOP 1250) — Shapiro, S

MICB399 (PermReq) Microbiological Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: 16 credits in MICB. May be repeated, but only 3 credits can be applied to major requirements. — 3 credits

MICB410 History of Microbiology; Grade Method: REG/P-F/AUD; — 1 credit
0101 F.....9:00am- 9:50am (MCB 1207) — Doetsch, R

MICB450 Immunology; Grade Method: REG; Prerequisite: MICB 440 or consent of department. Student should have attained minimum level of 80 completed credits. — 4 credits
0101 TuTh.....11:00am-11:50am (MCB 1207) — Roberson, B
TuTh.....2:00pm- 4:00pm (MCB 1143) LAB
0102 TuTh.....11:00am-11:50am (MCB 1207) — Roberson, B
TuTh.....2:00pm- 4:00pm (MCB 1135) LAB

MICB453 Recombinant DNA Laboratory; Grade Method: REG; Prerequisites: one of the following: MICB 380, coregistration with MICB 388Z or permission of instructor. — 3 credits
0101 MW.....1:00pm- 5:00pm (MCB 1207) — Stein, D
MW.....1:00pm- 5:00pm (MCB 1143) LAB
0102 MW.....1:00pm- 5:00pm (MCB 1207) — Stein, D
MW.....1:00pm- 5:00pm (MCB 1135) LAB

MICB460 General Virology; Grade Method: REG; Prerequisite: MICB 440 or consent of department. — 3 credits
0101 MWF.....11:00am-11:50am (MCB 1207) — Hetrick, F

MICB688 (PermReq) Special Topics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

MICB688D (PermReq) Special Topics: Current Topics in Marine Biotechnology; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Weiner, R

MICB688E Special Topics: Current Topics in Molecular Biology; Grade Method: REG; — 1 credit
0101 Time and room to be arranged — Stein, D

MICB688K (PermReq) Special Topics: Current Topics in Bacterial Pathogenesis; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged — Joseph, S

MICB688P (PermReq) Special Topics: Gene Expression and Regulation; Grade Method: REG/AUD; — 2 credits
0101 TuTh.....9:00am- 9:50am (MCB 1207) — Capage, M

MICB688Z (PermReq) Special Topics: Recombinant DNA Lab; Grade Method: REG; — 2 credits
0101 MW.....1:00pm- 5:00pm (MCB 1207) — Stein, D

MICB780 Genetics of Microorganisms; Grade Method: REG/AUD; Prerequisites: courses in microbiology and biochemistry. — 2 credits
0101 TuTh.....10:00am-10:50am (MCB 1207) — Voll, M

MICB789 Seminar; Grade Method: REG/AUD; — 1 credit
0101 F.....3:00pm- 5:00pm (MCB 1207) — STAFF
F.....12:00pm-12:50pm (MCB 1207)
Th.....2:00pm- 4:00pm (MCB 1207)

MICB799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

MICB899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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MUED Music Education (Education)

MUED197 Pre-Professional Experiences; Grade Method: REG/P-F/AUD; — 1 credit
0101 M.....11:00am- 1:00pm (TWS 3238) — Folstrom, R
W.....11:00am-11:50am (TWS 3238) LAB

MUED420 Instrumental Music: Methods, Materials and Administration For Secondary School; Grade Method: REG/AUD; — 2 credits
0101 TuTh.....8:00am-10:00am (TWS 1123) — Sparks, L

MUED472 Choral Techniques and Repertoire; Grade Method: REG/AUD; Must be taken concurrently with MUED 478. — 2 credits
0101 Tu.....11:00am-11:50am (TWS 3238) — Folstrom, R
Th.....10:00am-11:50am (TWS 3238)

MUED478 Special Topics in Music Education: General Music in Middle/Junior High Schools; Grade Method: REG/AUD; — 2 credits
0101 Tu.....9:00am-10:50am (TWS 3238) — Troth, E
Th.....9:00am- 9:50am (TWS 3238)

MUED478A Special Topics in Music Education: Organizing Elementary Teaching Experiences in Music; Grade Method: REG/AUD; — 2 credits
0201 MW.....10:00am-12:00pm (TWS 3132) — Gratto, S

MUED662 Advanced Study: Developing Musicality in Children; Grade Method: REG/AUD; — 3 credits
0101 Tu.....6:30pm- 9:00pm (TWS 3132) — Gratto, S

MUED690 Research Methods in Music and Music Education; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:30pm (TWS 3132) — Saunders, C

MUED698A Current Trends in Music Education: Psychology of Music; Grade Method: REG/AUD; Open to doctoral students only. — 3 credits
0101 W.....6:30pm- 9:00pm (TWS 3132) — Saunders, C

MUSC Music (Arts and Humanities)

MUSC100A Beginning Class Voice; Grade Method: REG; Limited to non-music majors. — 2 credits
0101 MW.....9:00am- 9:50am (TWS 3116) — Barefield, M
0201 MW.....11:00am-11:50am (TWS 2123) — Chipman, P
0301 TuTh.....11:00am-11:50am (TWS 2123) — Chipman, P
0401 MW.....10:00am-10:50am (TWS 3116) — Chipman, P
0501 MW.....12:00pm-12:50pm (TWS 2123) — Barefield, M
0601 TuTh.....10:00am-10:50am (TWS 3116) — Barefield, M
0701 MW.....2:00pm- 2:50pm (TWS 2102) — STAFF

MUSC102B Beginning Class Piano I; Grade Method: REG/P-F; Limited to non-music majors. — 2 credits
0101 TuTh.....9:30am-10:45am (TWS 3218) — STAFF
0201 TuTh.....8:00am- 9:15am (TWS 3218) — Ohtake, N
0301 TuTh.....12:30pm- 1:45pm (TWS 3218) — STAFF
0401 MWF.....11:00am-11:50am (TWS 3218) — STAFF

MUSC103 Beginning Class Piano II; Grade Method: REG/AUD; Limited to music majors. Prerequisite: MUSC 102 or permission of instructor. — 2 credits
0101 MWF.....1:00pm- 1:50pm (TWS 3218) — Elliston, R

MUSC103A Beginning Class Piano II; Grade Method: REG/AUD; Prerequisite: MUSC 102 or permission of instructor. Limited to MUED piano principals. — 2 credits
0101 MWF.....10:00am-10:50am (TWS 3218) — Elliston, R

MUSC113 Class Study: Violin; Grade Method: REG/AUD; Limited to music and music education majors. — 2 credits
0101 MWF.....9:00am- 9:50am (TWS 1102) — STAFF

MUSC117 Class Study: Flute, Oboe, Bassoon, and Saxophone; Grade Method: REG/AUD; Limited to music and music education majors. — 2 credits
0101 MWF.....10:00am-10:50am (TWS 1102) — STAFF
Time and room to be arranged LAB

MUSC121 Class Study: Horn, Trombone, Euphonium, and Tuba; Grade Method: REG/AUD; Limited to music and music education majors. — 2 credits
0101 MWF.....8:00am- 8:50am (TWS 1102) — Wakefield, J
Time and room to be arranged LAB

MUSC123 Movement for Singers; Grade Method: REG/P-F/AUD; — 1 credit
0101 MW.....11:00am-11:50am (TWS 3228) — Balthrop, C

MUSC126 Vocal Diction: English and Latin; Grade Method: REG/AUD; — 1 credit
0101 TuTh.....11:00am-12:00pm (TWS 2138) — Mabbs, L

MUSC128 Sight Reading For Pianists; Grade Method: REG/AUD; — 2 credits
0101 TuTh.....10:00am-10:50am (TWS 3129) — Garvey, E

MUSC129A Ensemble: Strings; Grade Method: REG; Contact instructor to make arrangements. — 1 credit
0101 TBA (TWS 2239) — Heifetz, D
0201 TBA (TWS 3120B) — Elsing, E
0301 Time and room to be arranged — Steinhardt, A
0401 Time and room to be arranged — Tree, M
0501 Time and room to be arranged — Soyer, D
0601 Time and room to be arranged — Dalley, J

MUSC129B Ensemble: Woodwinds; Grade Method: REG; Contact instructor to make arrangements. — 1 credit
0101 TBA (TWS 3125) — Montgomery, W
0201 TBA (TWS 1219C) — Heim, N
0301 TBA (TWS 2229) — Olson, O
0401 TBA (TWS 3120A) — Jackson, R
0501 TBA (TWS 3120A) — Walters, E
0601 Time and room to be arranged — Golding, K

MUSC129C Ensemble: Brass; Grade Method: REG; Contact instructor to make arrangements. — 1 credit
0101 TBA (TWS 2229) — Olson, O
0201 TBA (TWS 3121) — Head, E
0301 TBA (TWS 1112) — Sparks, L

MUSC129D Ensemble: Clarinet Choir; Grade Method: REG; Contact instructor to make arrangements. — 1 credit
0101 MF.....2:00pm- 2:50pm (TWS 1102) — Heim, N

MUSC129E Ensemble: Brass Choir; Grade Method: REG; Contact instructor to make arrangements. — 1 credit
0101 MW.....12:00pm-12:50pm (TWS 1102) — Olson, O

MUSC129F Ensemble: Percussion; Grade Method: REG; Contact instructor to make arrangements. — 1 credit
0101 TuTh.....11:00am-12:15pm (TWS 1102) — Barnett, R

MUSC129G Ensemble: Percussion Keyboard; Grade Method: REG; Contact instructor to make arrangements. — 1 credit
0101 TBA (TWS 1209B) — Barnett, R

MUSC129I Ensemble: Twentieth Century; Grade Method: REG; — 1 credit
0101 TBA (TWS 1241B) — DeLio, T

MUSC129J Ensemble: Jazz; Grade Method: REG; Contact instructor to make arrangements. — 1 credit

0101 MW.....5:30pm- 7:00pm (TWS 1102) Ross, G
0201 MWF.....1:00pm- 1:50pm (TWS 1102) Ross, G

MUSC129K Ensemble: Non-Western; Grade Method: REG; Contact instructor to make arrangements. 1 credit
0101 TBA (TWS 3108) Robertson, C

MUSC129L Ensemble: Mixed Instruments; Grade Method: REG; Contact instructor to make arrangements. 1 credit
0101 TBA (TWS 3125) Montgomery, W

MUSC129M Ensemble: Flute Choir; Grade Method: REG; Contact instructor to make arrangements. 1 credit
0101 TuTh.....2:00pm- 3:15pm (TWS 3116) Montgomery, W

MUSC129T Ensemble: Tuba Ensemble; Grade Method: REG/AUD; 1 credit
0101 MW.....11:00am-12:00pm (TWS 1102) Sparks, L

MUSC130 Survey of Music Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Limited to non-music majors. 3 credits
0101 MWF.....10:00am-10:50am (TWS 2102) Troth, E
0201 MWF.....9:00am- 9:50am (TWS 2102) Youens, L
0301 TuTh.....2:00pm- 3:15pm (TWS 2102) STAFF

MUSC140 Music Fundamentals I; Grade Method: REG/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; Limited to non-music majors. 3 credits
0101 TuTh.....8:00am- 9:15am (TWS 2102) Olson, O
0201 MWF.....9:00am- 9:50am (TWS 3238) STAFF
0301 MWF.....10:00am-10:50am (TWS 3238) STAFF
0401 TuTh.....9:30am-10:45am (TWS 2102) STAFF

MUSC151 Theory of Music II; Grade Method: REG/AUD; Prerequisite: MUSC 150. 3 credits
0101 TuThF.....9:00am- 9:50am (TWS 2123) Payerle, L
MW.....9:00am- 9:50am (TWS 2123) LAB
0102 TuThF.....9:00am- 9:50am (TWS 2123) Payerle, L
MW.....9:00am- 9:50am (TWS 2138) LAB
0201 MWF.....9:00am- 9:50am (TWS 2135) Gibson, R
TuTh.....9:00am- 9:50am (TWS 2135) LAB
0202 MWF.....9:00am- 9:50am (TWS 2135) Gibson, R
TuTh.....9:00am- 9:50am (TWS 2138) LAB

MUSC155 Fundamentals For the Classroom Teacher; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (TWS 2123) STAFF
0201 MWF.....12:00pm-12:50pm (TWS 2135) STAFF

MUSC200 Intermediate Class Voice I; Grade Method: REG; Open to music and non-music majors. Prerequisite: MUSC 100 or permission of instructor. 2 credits
0101 MW.....11:00am-11:50am (TWS 2135) STAFF
0201 MW.....12:00pm-12:50pm (TWS 3116) STAFF

MUSC203 Intermediate Class Piano II; Grade Method: REG/AUD; Limited to MUED voice principals. Prerequisite: MUSC 202 or permission of instructor. 2 credits
0201 MWF.....9:00am- 9:50am (TWS 3218) Elliston, R

MUSC203A Intermediate Class Piano II; Grade Method: REG/AUD; Limited to MUED piano principals. Prerequisite: MUSC 202A or permission of instructor. 2 credits
0101 MWF.....12:00pm-12:50pm (TWS 3218) Elliston, R

MUSC215 The Art of the Performer; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....10:00am-10:50am (TWS 1125) Walters, E

MUSC218 Class Composition II; Grade Method: REG/AUD; Prerequisite: MUSC 151 and permission of instructor. 2 credits
0101 TBA (TWS 1219B) Moss, L

MUSC228 Accompanying For Pianist; Grade Method: REG/P-F/AUD; Limited to music majors only. 2 credits
0101 TuTh.....11:00am-12:00pm (TWS 2233) McCoy, R

MUSC229A Ensemble: Symphony Orchestra; Grade Method: REG; Contact instructor to make arrangements. 1 credit
0101 MW.....3:00pm- 5:00pm (TWS 1102) Hudson, W
Tu.....7:00pm- 9:30pm (TWS 1102) LAB

MUSC229C Ensemble: Theater Orchestra; Grade Method: REG; Contact instructor to make arrangements. 1 credit
0101 TBA (TWS 3267) Hudson, W

MUSC229D Ensemble: Symphonic Wind Ensemble; Grade Method: REG; Contact instructor to make arrangements. 1 credit
0101 TuTh.....3:30pm- 6:00pm (TWS 1102) Wakefield, J

MUSC229E Ensemble: Concert Band; Grade Method: REG; Contact instructor to make arrangements. 1 credit
0101 TuTh.....2:00pm- 3:15pm (TWS 1102) Sparks, L

MUSC229R Ensemble: Repertoire Orchestra; Grade Method: REG/AUD; 1 credit
0101 W.....7:30pm- 9:30pm (TWS 1102) Head, E

MUSC230 History of Music I; Grade Method: REG/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (TWS 2138) Beicken, S

MUSC251 Advanced Theory of Music II; Grade Method: REG/AUD; Prerequisite: MUSC 250. 4 credits
0101 MWF.....10:00am-10:50am (TWS 2135) DeLio, T
TuTh.....10:00am-10:50am (TWS 2135) LAB
0102 MWF.....10:00am-10:50am (TWS 2135) DeLio, T
TuTh.....10:00am-10:50am (TWS 2123) LAB
0201 TuThF.....10:00am-10:50am (TWS 2138) Wilson, M
MW.....10:00am-10:50am (TWS 2138) LAB
0202 TuThF.....10:00am-10:50am (TWS 2138) Wilson, M
MW.....10:00am-10:50am (TWS 2123) LAB

MUSC329A Ensemble: University of Maryland Chorale; Grade Method: REG; Contact instructor to make arrangements. 1 credit
0101 TuTh.....3:30pm- 5:30pm (TWS 2102) Folstrom, R

MUSC329D Ensemble: University Chorus; Grade Method: REG; Contact instructor to make arrangements. 1 credit
0101 Tu.....7:30pm-10:00pm (TWS 2102) Traver, P

MUSC329E Ensemble: Gospel Choir; Grade Method: REG; 1 credit
0101 Th.....7:00pm-10:00pm (TWS 2102) Foster, V

MUSC330 History of Music II; Grade Method: REG/AUD; Romantic era to present. 3 credits
0101 MWF.....2:00pm- 2:50pm (TWS 2123) Davis, S

MUSC331 History of Music III; Grade Method: REG/AUD; Antiquity through Baroque. Prerequisites: MUSC 230 and 330. 3 credits
0101 MWF.....2:00pm- 2:50pm (TWS 3116) Youens, L

MUSC339 (PermReq) Honors in Music; Grade Method: REG; Concurrent registration in MUSC 349 required. 3 credits
0101 TBA (TWS 3105) Davis, S

MUSC340 Music Literature Survey I; Grade Method: REG; Meets USP Advanced Studies Development of Knowledge requirement; Restricted to juniors and seniors. 3 credits
0101 TuTh.....2:00pm- 4:00pm (TWS 3238) Troth, E

MUSC346 Jazz Theory and Inprovisation II; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm-10:00pm (TWS 1102) Ross, G

MUSC349 (PermReq) Honors Seminar in Music; Grade Method: REG; Concurrent enrollment in MUSC 339 required. 1 credit
0101 Th.....12:30pm- 2:00pm (TWS 2138) Davis, S

MUSC379 Opera Workshop; Grade Method: REG; 2 credits
0101 M.....6:30pm- 9:00pm (TWS 3228) Major, L

MUSC388 (PermReq) Music Internship; Grade Method: REG; 3 credits
0101 TBA (TWS 2110) Cooper, J

MUSC389 (PermReq) Music Internship Analysis; Grade Method: REG; 1 credit
0101 TBA (TWS 2110) Cooper, J

MUSC400I Music Pedagogy; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

MUSC400V Music Pedagogy; Grade Method: REG/AUD; Limited to voice majors. 3 credits
0101 MW.....4:30pm- 6:00pm (TWS 2138) Fleming, L

MUSC428 Repertoire Coaching of Vocal or Chamber Music; Grade Method: REG/AUD; 2 credits
0101 TBA (TWS 3214A) Elliston, R
0201 TBA (TWS 3129) Garvey, E
0301 TBA (TWS 2233) McCoy, R

MUSC429 Opera Theater; Grade Method: REG; Contact instructor to make arrangements. 2-3 credits
0101 M.....6:30pm- 9:00pm (TWS 3228) Major, L

MUSC433 Music in World Cultures II; Grade Method: REG/AUD; 3 credits
0101 Tu.....3:30pm- 6:00pm (TWS 3116) Robertson, C

MUSC436 Jazz: Then and Now; Grade Method: REG/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (TWS 2135) Wexler, R

MUSC439 Collegium Musicum: Collegium Musicum; Grade Method: REG; 1 credit
0101 MW.....4:00pm- 5:30pm (TWS 1123) Wexler, R

MUSC448 (PermReq) Special Topics in Music; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 2-6 credits

MUSC448F Special Topics in Music: Advanced Diction: French; Grade Method: REG/AUD; 2-6 credits
0101 TuTh.....4:00pm- 5:00pm (TWS 2138) McCoy, R

MUSC448I (PermReq) Special Topics in Music: Advanced Diction: Italian; Grade Method: REG/AUD; 2-6 credits
0101 TuTh.....4:00pm- 5:00pm (TWS 2135) Cossa, D

MUSC448J Special Topics in Music: Jazz Vocal Techniques and Piani Accompaniments; Grade Method: REG/AUD; Instructors: Elliston, R. and Wells, R. 2 credits
0101 Tu.....6:00pm- 8:30pm (TWS 3218) Elliston, R
Tu.....6:00pm- 8:30pm (TWS 3218) LAB
0201 W.....6:00pm- 8:30pm (TWS 3218) Elliston, R
W.....6:00pm- 8:30pm (TWS 3218) LAB

MUSC448K (PermReq) Special Topics in Music: Guarneri String Quartet Masterclass; Grade Method: REG; 2 credits
0101 Time and room to be arranged Steinhardt, A
0201 Time and room to be arranged Tree, M
0301 Time and room to be arranged Soyer, D
0401 Time and room to be arranged Dalley, J

MUSC448L (PermReq) Special Topics in Music: Instrumental Phrasing and Interpretation; Grade Method: REG/AUD; 2 credits
0301 MW.....2:00pm- 2:50pm (TWS 1123) Hudson, W

MUSC448M Special Topics in Music: Interpretation of Vocal Literature; Grade Method: REG/P-F/AUD; Open to singers and pianists. 2 credits
0101 Tu.....5:00pm- 7:00pm (TWS 2138) McCoy, R

MUSC448N Special Topics in Music: Chamber Music Literature; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:30pm (TWS 3116) Youens, L

MUSC4480 (PermReq) Special Topics in Music: The Business of Music I; Grade Method: REG/AUD; 2 credits
0101 MW.....1:00pm- 1:50pm (TWS 3116) Walters, E

MUSC451 Analysis of Music; Grade Method: REG/AUD; 3 credits
0101 F.....11:00am-12:30pm (TWS 2123) DeLio, T

MUSC452 Keyboard Harmony; Grade Method: REG/AUD; 2 credits
0101 TuTh.....11:00am-11:50am (TWS 2135) Payerle, L

MUSC453 Class Study of Guitar and Recorder; Grade Method: REG/AUD; Limited to music education majors. 2 credits
0101 MWF.....3:00pm- 3:50pm (TWS 2123) Saunders, C

MUSC460 Tonal Counterpoint I; Grade Method: REG/AUD; 2 credits
0101 MW.....11:00am-11:50am (TWS 3116) Gibson, R

MUSC468 Piano Pedagogy II; Grade Method: REG/AUD; Limited to piano majors only. 3 credits
0101 MW.....11:30am- 1:00pm (TWS 2102) Koscielny, A

MUSC482 Music in the Baroque Era; Grade Method: REG/AUD; 3 credits
0101 MW.....11:00am-12:15pm (TWS 2138) Serwer, H

MUSC486 Orchestration I; Grade Method: REG/P-F/AUD; 2 credits
0101 MW.....1:00pm- 1:50pm (TWS 2135) Gibson, R

MUSC491 Conducting II; Grade Method: REG/AUD; Prerequisite: MUSC 490 or equivalent. 2 credits
0101 MWF.....1:00pm- 1:50pm (TWS 2138) Hudson, W
0201 MWF.....1:00pm- 1:50pm (TWS 2102) Cooper, J

MUSC494 Survey of Theory; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (TWS 2135) Payerle, L

MUSC499 Independent Studies; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 2-3 credits

MUSC608 Chamber Music Repertoire; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

MUSC639 Seminar in Music: The Music of Igor Stravinsky; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:30pm (TWS 3116) Serwer, H

MUSC642 Early Music Notation; Grade Method: REG/AUD; 3 credits
0101 F.....10:00am-12:30pm (TWS 3116) Wexler, R

MUSC644 Seminar in Solo Vocal Literature II; Grade Method: REG/AUD; Advanced special students require department authorization. Songs of Hugo Wolf. 3 credits
0101 Th.....5:00pm- 7:30pm (TWS 2138) McCoy, R

MUSC645 Seminar in Vocal Pedagogy; Grade Method: REG/AUD; Prerequisite: MUSC 400 or equivalent. Advanced special students require department authorization. 3 credits
0101 MW.....4:30pm- 6:00pm (TWS 2138) Fleming, L

MUSC670 Advanced Analytical Techniques I; Grade Method: REG/AUD; 3 credits
0101 W.....3:15pm- 6:15pm (TWS 2135) Moss, L

MUSC679 Seminar in Ethnomusicology: Seminar in Ethnomusicology; Grade Method: REG/AUD; Advanced special students require department authorization. 3 credits
0101 M.....3:30pm- 6:00pm (TWS 3116) Robertson, C

MUSC683 Seminar in Music of the Classic Era; Grade Method: REG/AUD; 3 credits
0101 Th.....7:00pm- 9:30pm (TWS 3116) Davis, S

MUSC689 Advanced Conducting; Grade Method: REG/AUD; Advanced special students require department authorization. Limited to conducting majors only. 3 credits
0101 MW.....4:30pm- 6:00pm (NN 2140A) Traver, P
0201 TBA (TWS 3267) Hudson, W
0301 Time and room to be arranged Wakefield, J

MUSC699 Special Topics in Music; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 2-6 credits

MUSC699B Special Topics in Music: Opera Techniques II; Grade Method: REG/AUD; Concurrent registration with MUSC 448I. 2 credits
0101 MWF.....2:00pm- 5:00pm (TWS 3228) Major, L
Time and room to be arranged LAB

MUSC699D Special Topics in Music: Advanced Opera Techniques II; Grade Method: REG/AUD; Concurrent registration with MUSC 448F. 2 credits
0101 MWF.....2:00pm- 5:00pm (TWS 3228) Major, L
Time and room to be arranged LAB

MUSC699J Special Topics in Music: Jazz Vocal Technique and Piano Accompaniments; Grade Method: REG/AUD; 2 credits
0101 Tu.....6:00pm- 8:30pm (TWS 3218) Elliston, R
Tu.....6:00pm- 8:30pm (TWS 3218) LAB
0201 W.....6:00pm- 8:30pm (TWS 3218) Elliston, R
W.....6:00pm- 8:30pm (TWS 3218) LAB

MUSC699K (PermReq) Special Topics in Music: Guarneri String Quartet Masterclass; Grade Method: REG; 2 credits
0101 Time and room to be arranged Steinhardt, A
0201 Time and room to be arranged Tree, M
0301 Time and room to be arranged Soyer, D
0401 Time and room to be arranged Dalley, J

MUSC699L (PermReq) Special Topics in Music: Instrumental Phrasing and Interpretation; Grade Method: REG/AUD; 2 credits
0301 MW.....2:00pm- 2:50pm (TWS 1123) Hudson, W

MUSC699M Special Topics in Music: Interpretation of Vocal Literature; Grade Method: REG/AUD; Open to singers and pianists. 2 credits
0101 Tu.....5:00pm- 7:00pm (TWS 2138) McCoy, R

MUSC699N Special Topics in Music: Chamber Music Literature; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:30pm (TWS 3116) Youens, L

MUSC6990 (PermReq) Special Topics in Music: The Business of Music I; Grade Method: REG/AUD; 2 credits
0101 MW.....1:00pm- 1:50pm (TWS 3116) Walters, E

MUSC799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

MUSC801I (PermReq) Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD; Limited to instrumental majors. Advanced special students require department authorization. 3 credits
0101 TBA (TWS 1209A) Montgomery, W
0201 TBA (TWS 1209A) Barnett, R
0301 TBA (TWS 1209A) Sparks, L
0401 TBA (TWS 1209A) Elsing, E
0501 TBA (TWS 1209A) Heifetz, D
0601 TBA (TWS 1209A) Head, E
0701 TBA (TWS 1209A) Heim, N
0801 TBA (TWS 1209A) Hudson, W
0901 TBA (TWS 1209A) Olson, O
1001 TBA (TWS 1209A) Ross, G
2001 TBA (TWS 1209A) Wakefield, J
3001 TBA (TWS 1209A) Walters, E

MUSC831I Doctoral Seminar in Music Literature; Grade Method: REG/AUD; Limited to instrument majors. 3 credits
0101 Time and room to be arranged Montgomery, W
0201 Time and room to be arranged Barnett, R
0301 Time and room to be arranged Sparks, L
0401 Time and room to be arranged Elsing, E
0501 Time and room to be arranged Heifetz, D
0601 Time and room to be arranged Head, E
0701 Time and room to be arranged Heim, N
0801 Time and room to be arranged Hudson, W
0901 Time and room to be arranged Olson, O
1001 Time and room to be arranged Ross, G
2001 Time and room to be arranged Wakefield, J
3001 Time and room to be arranged Walters, E

MUSC831P Doctoral Seminar in Music Literature; Grade Method: REG; Limited to piano majors. 3 credits
0101 Time and room to be arranged Gowen, B

MUSC831V Doctoral Seminar in Music Literature; Grade Method: REG/AUD; Limited to voice majors. 3 credits
0101 Time and room to be arranged Urban, E

MUSC878 Advanced Composition; Grade Method: REG/AUD; Advanced special students require department authorization. 3 credits
0101 TBA (TWS 1219B) Moss, L
0201 TBA (TWS 1241B) DeLio, T
0301 TBA (TWS 1231C) Wilson, M
0401 TBA (TWS 1241A) Gibson, R

MUSC899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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MUSP Music Performance (Arts & Humanities)

Individual performance instruction courses in piano, voice and instruments are open to qualified major and non-major students by prior audition and permission of the Music Department Chairman.

Audition schedules, prerequisites, instructor section numbers, and registration permission forms may be obtained in the Department of Music Office.

INSTRUMENT DESIGNATION
Indicate the instrument chosen by adding a suffix to the course number.

SUFFIX	INSTRUMENT	SUFFIX	INSTRUMENT	SUFFIX	INSTRUMENT
A	Piano	J	Bassoon		
B	Voice	K	Saxophone	T	Composition
C	Violin	L	Horn	U	World inst undergrad
D	Viola	M	Trumpet	U	Conducting graduate
E	Cello	N	Trombone	V	Harp
F	Bass	O	Tuba	W	Electronic comp.
G	Flute	P	Euphonium	X	Hist inst - keyboard
H	Oboe	Q	Percussion	Y	Hist inst - strings
I	Clarinet			Z	Hist inst - winds

MINOR SERIES

Intended for either music majors studying a secondary instrument or non-music majors. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 102. Transfer students are evaluated for higher placement after one semester of study.

MUSP102, 103, 202, 203, 302, 303, 402, 403 2 credits
(PermReq) Music Performance; Minor Series
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,U,V,X,Y,Z
Time and room to be arranged.

PRINCIPAL SERIES

Intended for students majoring in music programs other than performance and composition. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 109. Transfer students are evaluated for higher placement after one semester of study.

MUSP109, 110, 207, 208, 305, 306, 409, 410 2 or 4 credits
(PermReq) Music Performance; Principal Series
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,X,Y,Z
Time and room to be arranged.

MUSP609 Interpretation and Repertoire 2 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,X
Time and room to be arranged.

MUSP610 Graduate Music Performance 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,X
Time and room to be arranged.

MAJOR SERIES

Intended for students majoring in music performance and composition. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 119. Transfer students are evaluated for higher placement after one semester of study.

MUSP119, 120, 217, 218, 315, 316, 419, 420 2 or 4 credits
(PermReq) Music Performance; Major Series
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,W
Time and room to be arranged.

MUSP619 Interpretation and Repertoire 2 or 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,V,W
Time and room to be arranged.

MUSP620 Graduate Music Performance 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F,
G,H,I,J,K,L,M,N,O,P,Q,T,U,V,W
Time and room arranged.

MUSP719 Interpretation and Repertoire 2 or 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F,
G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

MUSP815 Interpretation, Performance, and Pedagogy 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F,
G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

MUSP816 Interpretation, Performance, and Pedagogy 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F,
G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

MUSP817 Interpretation, Performance, and Pedagogy 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F,
G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

NUSC Nutritional Science (Agriculture)

NUSC604 Vitamin Nutrition; Grade Method: REG/AUD; 3 credits
0101 MW.....2:30pm- 4:00pm (JUL 1105) Soares Jr, J

NUSC699 Problems in Nutrition; Grade Method: 1-4 credits
(PermReq) REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

NUSC699B Problems in Nutrition: Nutrition/Drug 1-4 credits
Interactions; Grade Method: REG/AUD;
0601 TuTh.....9:30am-10:45am (ARM 0120) Enig, M

NUSC799 Master's Thesis Research; Grade Method: 1-6 credits
REG; Individual Instruction course: contact department or instructor to obtain section number.

NUSC898 Colloquium in Nutrition; Grade Method: 1 credit
REG/AUD;
0100 Th.....3:30pm- 5:00pm (SYM 0200) Soares Jr, J

NUSC899 Doctoral Dissertation Research; Grade 1-8 credits
Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

NUTR Nutrition (Human Ecology)

NUTR100 Elements of Nutrition; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement;
0101 MWF.....11:00am-11:50am (SKN 0200) Ahrens, R

NUTR315 Maternal, Infant and Child Nutrition; 3 credits
Grade Method: REG/P-F/AUD; Prerequisite: NUTR 100 or NUTR 200.
0101 MWF.....11:00am-11:50am (ARM 0119) Williams, E

NUTR335 History of Nutrition; Grade Method: 3 credits
REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: A basic course in nutrition.
0101 MWF.....9:00am- 9:50am (TLF 0124) Ahrens, R

NUTR440 Advanced Human Nutrition I; Grade Method: 4 credits
(PermReq) REG/P-F/AUD; Prerequisites: NUTR 100; ZOOL 202 or 211; BCHM 261 or equivalent; or consent of instructor.

0101 MWF.....1:00pm- 1:50pm (MMH 3418) Williams, E
Tu.....1:00pm- 4:00pm (MMH 3419) LAB
0102 MWF.....1:00pm- 1:50pm (MMH 3418) Williams, E
Th.....1:00pm- 4:00pm (MMH 3419) LAB

NUTR460 Therapeutic Human Nutrition; Grade Method: 4 credits
(PermReq) REG/P-F/AUD; Prerequisites: NUTR 440 and 450.
0101 MWF.....1:00pm- 1:50pm (MMH 1304) Taylor, M
M.....2:00pm- 4:00pm (MMH 3418) LAB
0102 MWF.....1:00pm- 1:50pm (MMH 1304) Taylor, M
W.....2:00pm- 4:00pm (MMH 3418) LAB

NUTR468 Practicum in Nutrition; Grade Method: S-F; 1-3 credits
(PermReq)
0101 Time and room to be arranged Williams, E

NUTR475 Dynamics of Community Nutrition; Grade 3 credits
Method: REG/P-F/AUD; Prerequisite: NUTR 470 or consent of instructor; course taught spring semesters only.
0101 MWF.....10:00am-10:50am (MMH 3418) Taylor, M

NUTR490 Special Problems in Nutrition; Grade 2-3 credits
(PermReq) Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

NUTR498A Selected Topics: Individual Study; Grade 1-3 credits
(PermReq) Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number.

NUTR645 Vitamin and Mineral Nutrition in Humans; 3 credits
Grade Method: REG/AUD; Course taught spring semesters only.
0101 TuTh.....5:00pm- 6:15pm (MMH 0108) Moser-Veillon,

NUTR660 Research Methods; Grade Method: REG/AUD; 3 credits
Prerequisite: statistics course.
0101 MW.....4:00pm- 5:15pm (MMH 3418) Prather, M

NUTR675 Advanced Clinical Dietetics; Grade Method: 3 credits
REG/AUD; Open only to Walter Reed Army Dietetic Interns.
0101 Time and room to be arranged Patterson, R

NUTR678A Special Topics in Nutrition: Individual 1-6 credits
(PermReq) Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

NUTR678P Special Topics in Nutrition: Practicum in 3 credits
(PermReq) Nutrition; Grade Method: REG;
0101 Time and room to be arranged Williams, E

NUTR680 Human Nutritional Status; Grade Method: 3 credits
REG/AUD; Prerequisites: Advanced nutrition, biochemistry and physiology.
0101 TuTh.....10:00am-10:50am (MMH 1304) Moser-Veillon,
W.....9:00am-12:00pm (MMH 3419) LAB

NUTR698 Seminar in Nutrition; Grade Method: 1 credit
REG/AUD;
0101 Tu.....4:00pm- 4:50pm (MMH 3418) Williams, E

NUTR699 Problems in Nutrition; Grade Method: 1-4 credits
(PermReq) REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

NUTR789 Non-Thesis Research; Grade Method: S-F; 1-3 credits
Individual Instruction course: contact department or instructor to obtain section number.

NUTR799 Master's Thesis Research; Grade Method: 1-6 credits
(PermReq) REG; Individual Instruction course: contact department or instructor to obtain section number.

NUTR888 Doctoral Seminar; Grade Method: REG/AUD; 1 credit
0101 F.....2:00pm- 4:00pm (MMH 0108) Read, M

NUTR899 Doctoral Dissertation Research; Grade 1-8 credits
(PermReq) Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

PCOM Public Communication (Arts and Humanities)

PCOM701 Methodological Approaches to the Study of 3 credits
(PermReq) Public Communication Arts; Grade Method: REG/AUD;
0101 W.....7:00pm- 9:45pm (JRN 1103) Martin, L

PCOM703 Analysis for Communication Research; Grade 3 credits
(PermReq) Method: REG/AUD; Taught by Dr. Edward Fink, Distinguished Scholar Teacher.
0101 M.....7:00pm- 9:45pm (TWS 2212) Fink, E

PCOM711 Historical-Critical Research in Public 3 credits
Communication I; Grade Method: REG/AUD;
0101 M.....4:00pm- 6:45pm (TWS 0154) Kolker, R

PCOM888 Doctoral Practicum in Public 3-9 credits
(PermReq) Communication; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

PCOM889 Doctoral Tutorial in Public Communication; 3-8 credits
(PermReq) Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

PCOM899 Doctoral Dissertation Research; Grade 1-8 credits
(PermReq) Method: REG; Individual Instruction course: contact department or instructor to obtain section number.

PERH Physical Education, Recreation, and Health (Phys Ed, Recr, & Health)

PERH386 Field Work; Grade Method: REG/P-F/AUD; 1-3 credits
(PermReq) Contact the Center on Aging, 1120 Francis Scott Key.
0101 Time and room to be arranged Pollack, S

PERH387 Field Work Analysis; Grade Method: 1-3 credits
(PermReq) REG/P-F/AUD; Contact the Center on Aging, 1120 Francis Scott Key Hall.
0101 MW.....1:00pm- 3:00pm (Arranged) Pollack, S

PERH488 Children's Health and Development Clinic; 1 credit
Grade Method: REG/P-F/AUD; Check with instructor for opening date.
0101 Sa.....8:30am-12:30pm (PRH 0103) Hahn, P

PERH688 Field Work in Aging; Grade Method: 1-6 credits
(PermReq) REG/AUD; Individual Instruction course: contact department or instructor to obtain section number.

PHED Physical Education (Phys Ed, Recr, & Health)

Physical education activities - men
(courses numbered 100 - 114) (also available - coed courses 130 - 177)

PHED100N Physical Education Activities: Men: 1 credit
Basketball (Beginning); Grade Method: REG/P-F; Meets first eight weeks of term only. Schedule Adjustment Period is 1/23-1/27.
0001 Meets 01/23/89 - 03/17/89 STAFF
MW.....3:00pm- 5:00pm (PRH 2240) LAB

PHED1000 Physical Education Activities: Men: 2 credits
Basketball (Intermediate); Grade Method: REG/P-F;
0001 MW.....10:00am-12:00pm (ARM 1122) LAB STAFF

PHED110N Physical Education Activities: Men: 2 credits
Wrestling (Beginning); Grade Method: REG/P-F;
0001 MW.....12:00pm- 2:00pm (COL B0101) LAB STAFF

Physical education activities - coed
(courses numbered 130 - 177)

PHED130N Physical Education Activities: Coed: 1 credit
Archery (Beginning); Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/27-3/31.
0001 Meets 03/27/89 - 05/15/89 STAFF
MW.....8:00am-10:00am (PRH 2240) LAB
0002 Meets 03/27/89 - 05/15/89 STAFF
MW.....10:00am-12:00pm (PRH 2240) LAB

PHED131N Physical Education Activities: Coed: 2 credits
Backpacking; Grade Method: REG/P-F;
0001 Tu.....2:00pm- 6:00pm (PRH 1101) LAB STAFF

PHED131V Physical Education Activities: Coed: 2 credits
Jogging; Grade Method: REG/P-F;
0001 MW.....9:00am-11:00am (PRH 0107) LAB STAFF
0002 TuTh.....3:00pm- 5:00pm (PRH 2240) LAB STAFF
0003 TuTh.....10:00am-12:00pm (PRH 2240) LAB STAFF
0004 TuTh.....1:00pm- 3:00pm (PRH 0102) LAB STAFF

PHED131Z Physical Education Activities: Coed: 1 credit
Softball; Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/27- 3/31.
0001 Meets 03/27/89 - 05/15/89 STAFF
MW.....12:00pm- 2:00pm (PRH 2240) LAB
0002 Meets 03/27/89 - 05/15/89 STAFF
TuTh.....10:00am-12:00pm (PRH 2101) LAB
0003 Meets 03/27/89 - 05/15/89 STAFF
TuTh.....12:00pm- 2:00pm (PRH 2240) LAB

PHED133N Physical Education Activities: Coed: 1 credit
Boating, Canoeing (Beginning); Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/27 - 3/31.
0001 Meets 03/27/89 - 05/15/89 STAFF
MW.....2:00pm- 4:00pm (COL 1100D) LAB

PHED134N Physical Education Activities: Coed: 2 credits
Bowling (Beginning); Grade Method: REG/P-F; Students must pay a $10.00 facility fee. (Bowling shoes required. Shoes may be rented for $.50 per session.)
0001 MW.....8:00am-10:00am (SSU B0100) LAB STAFF
0002 TuTh.....8:00am-10:00am (SSU B0100) LAB STAFF
0003 MW.....2:00pm- 4:00pm (SSU B0100) LAB STAFF
0004 TuTh.....12:00pm- 2:00pm (SSU B0100) LAB STAFF
0005 TuTh.....2:00pm- 4:00pm (SSU B0100) LAB STAFF

PHED134O Physical Education Activities: Coed: 2 credits
Bowling (Intermediate); Grade Method: REG/P-F; Students must pay a $10.00 facility fee. (Bowling shoes required. Shoes may be rented for $.50 per session.)
0001 TuTh.....10:00am-12:00pm (SSU B0100) LAB STAFF
0002 MW.....12:00pm- 2:00pm (SSU B0100) LAB STAFF

PHED134P Physical Education Activities: Coed: 2 credits
Bowling (Advanced); Grade Method: REG/P-F; Students must pay a $10.00 facility fee. (Bowling shoes required. Shoes may be rented for $0.50 per session.)
0001 MW.....10:00am-12:00pm (SSU B0100) LAB STAFF

PHED135P Physical Education Activities: Coed: Dance 1 credit
Social; Grade Method: REG/P-F;
0001 TuTh.....12:00pm- 1:15pm (PRH 0107) LAB STAFF

PHED136N Physical Education Activities: Coed: 1 credit
Fencing (Beginning); Grade Method: REG/P-F; Meets first eight weeks of term only. Schedule Adjustment Period is 1/23 - 1/27.
0001 Meets 01/23/89 - 03/17/89 STAFF
MW.....2:00pm- 4:00pm (PRH 0107) LAB
0002 Meets 01/23/89 - 03/17/89 STAFF
TuTh.....10:00am-12:00pm (PRH 0107) LAB

PHED137N Physical Education Activities: Coed: Golf 1 credit
(Beginning); Grade Method: REG/P-F; Meets second eight weeks of term only. Meets in golf range classroom. Schedule Adjustment Period is 3/27 - 3/31.
0001 Meets 03/27/89 - 05/15/89 STAFF
MW.....8:00am-10:00am (GLF 1102) LAB
0002 Meets 03/27/89 - 05/15/89 STAFF
TuTh.....10:00am-12:00pm (GLF 1102) LAB
0003 Meets 03/27/89 - 05/15/89 STAFF
MW.....12:00pm- 2:00pm (GLF 1102) LAB
0004 Meets 03/27/89 - 05/15/89 STAFF
TuTh.....8:00am-10:00am (GLF 1102) LAB

PHED1370 Physical Education Activities: Coed: Golf 1 credit
(Intermediate); Grade Method: REG/P-F; Meets second eight weeks of term only. Meets in golf classroom. Schedule Adjustment Period is 3/27 - 3/31.
0001 Meets 03/27/89 - 05/15/89 STAFF
MW.....10:00am-12:00pm (GLF 1102) LAB

PHED140N Physical Education Activities: Coed: 1 credit
Tumbling and Floor Exercise; Grade Method: REG/P-F; Meets first eight weeks of term only. Schedule Adjustment Period is 1/23-1/27.
0001 Meets 01/23/89 - 03/17/89 STAFF
MW.....10:00am-12:00pm (PRH 1120) LAB

PHED140S Physical Education Activities: Coed: 2 credits
Gymnastics, Trampoline (Beginning); Grade Method: REG/P-F;
0001 MW.....12:00pm- 2:00pm (PRH 1120) LAB STAFF

PHED140W Physical Education Activities: Coed: 2 credits
Gymnastics, Tumbling and Balancing (Intermediate); Grade Method: REG/P-F;
0001 TuTh.....10:00am-12:00pm (PRH 1120) LAB STAFF

PHED140Z Physical Education Activities: Coed: 2 credits
Gymnastics, Apparatus (Intermediate); Grade Method: REG/P-F;
0001 MW.....10:00am-12:00pm (PRH 1120) LAB STAFF

PHED144Q Physical Education Activities: Coed: 2 credits
Martial Arts, Karate (Beginning); Grade Method: REG/P-F;
0001 TuTh.....8:00am-10:00am (PRH 0107) LAB STAFF
0002 MW.....12:00pm- 2:00pm (PRH 0107) LAB STAFF
0003 TuTh.....1:00pm- 3:00pm (PRH 0107) LAB STAFF

PHED144R Physical Education Activities: Coed: 2 credits
Martial Arts, Karate (Intermediate); Grade Method: REG/P-F;
0001 MW.....10:00am-12:00pm (PRH 0107) LAB STAFF

PHED144T Physical Education Activities: Coed: 2 credits
Martial Arts, Self Defense; Grade Method: REG/P-F;
0001 TuTh.....7:00pm- 9:00pm (PRH 0107) LAB STAFF
0002 TuTh.....3:00pm- 5:00pm (PRH 0107) LAB STAFF

PHED146N Physical Education Activities: Coed: 1 credit
Racquetball (Beginning); Grade Method: REG/P-F;
0001 MWF.....8:00am- 8:50am (PRH 0222) LAB STAFF
0002 MWF.....11:00am-11:50am (PRH 0222) LAB STAFF
0003 MWF.....1:00pm- 1:50pm (PRH 0222) LAB STAFF
0004 TuTh.....8:00am- 9:15am (PRH 0222) LAB STAFF
0005 TuTh.....9:00am-10:15am (PRH 0222) LAB STAFF
0006 TuTh.....1:00pm- 2:15pm (PRH 0222) LAB STAFF
0007 TuTh.....2:00pm- 3:15pm (PRH 0222) LAB STAFF
0008 TuTh.....3:00pm- 4:15pm (PRH 0222) LAB STAFF
0009 MWF.....10:00am-10:50am (PRH 0222) LAB STAFF
0010 MWF.....9:00am- 9:50am (PRH 0222) LAB STAFF

PHED1460 Physical Education Activities: Coed: 1 credit
Racquetball (Intermediate); Grade Method: REG/P-F;
0001 MWF.....3:00pm- 3:50pm (PRH 0222) LAB STAFF
0002 TuTh.....10:00am-11:15am (PRH 0222) LAB STAFF
0003 TuTh.....11:00am-12:15pm (PRH 0222) LAB STAFF
0004 MWF.....2:00pm- 2:50pm (PRH 0222) LAB STAFF

PHED147N Physical Education Activities: Coed: Scuba 2 credits
(Beginning); Grade Method: REG/P-F; Students must obtain departmental permission once classes begin.
0001 MWF.....8:00am- 8:50am (COL 0102) Landers Jr., R
MWF.....8:00am- 8:50am (COL 1206) LAB
0002 TuTh.....8:00am- 9:15am (COL 0102) Landers Jr., R
TuTh.....8:00am- 9:15am (COL 1206) LAB
0003 TuTh.....2:00pm- 3:15pm (COL 0102) Landers Jr., R
TuTh.....2:00pm- 3:15pm (COL 1206) LAB

PHED150N Physical Education Activities: Coed: 1 credit
Skating Ice (Beginning); Grade Method: REG/P-F; Meets first eight weeks of term only. Students must provide own transportation and pay $10.00 facility/equipment fee. Schedule Adjustment Period is 1/23-1/27.
0001 Meets 01/23/89 - 03/17/89 STAFF
MW.....9:00am-11:00am (COL 1100E) LAB

PHED151N Physical Education Activities: Coed: Snow 1 credit
(PermReq) Skiing(Beginning); Grade Method: REG; Course meets January 15-20, 1988 at ski resort in Cortland, New York. Payment is required prior to registering. Contact Lynn Owens on 454-3072.
0001 Meets 01/15/89 - 01/20/89 STAFF
Time and room to be arranged LAB

PHED1510 Physical Education Activities: Coed: Snow 1 credit
(PermReq) Skiing(Intermediate); Grade Method: REG; Course meets January 15-20, 1988 at ski resort in Cortland, New York. Payment is required prior to registering. Contact Lynn Owens on 454-3072.
0001 Meets 01/15/89 - 01/20/89 STAFF
Time and room to be arranged LAB

PHED151P Physical Education Activities: Coed: Snow 1 credit
(PermReq) Skiing (Advanced); Grade Method: REG; Course meets January 15-20, 1988 at ski resort in Cortland, New York. Payment required prior to registering. Contact Lynn Owens on 454-3072.
0001 Meets 01/15/89 - 01/20/89 Owens, L
Time and room to be arranged

PHED152N Physical Education Activities: Coed: 1 credit
Soccer (Beginning); Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/27 - 3/31.
0001 Meets 03/27/89 - 05/15/89 STAFF
MW.....2:00pm- 4:00pm (PRH 2101) LAB

PHED1520 Physical Education Activities: Coed: 1 credit
Soccer (Intermediate); Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/27 - 3/31.
0001 Meets 03/27/89 - 05/15/89 STAFF
TuTh.....10:00am-12:00pm (PRH 2101) LAB

PHED154N Physical Education Activities: Coed: 1 credit
Swimming (Beginning); Grade Method: REG/P-F;
0001 MWF.....12:00pm-12:50pm (PKT 1112) LAB STAFF
0002 TuTh.....9:00am-10:15am (COL 1206) LAB STAFF
0003 TuTh.....10:00am-11:15am (PKT 1112) LAB STAFF

PHED154O Physical Education Activities: Coed: 1 credit
Swimming (Intermediate); Grade Method: REG/P-F;
0001 MWF.....1:00pm- 1:50pm (COL 1206) LAB STAFF
0002 TuTh.....9:00am-10:15am (PKT 1112) LAB STAFF

PHED154P Physical Education Activities: Coed: 2 credits
Swimming (Advanced); Grade Method: REG/P-F;
0001 TuTh.....1:00pm- 3:00pm (PKT 1112) LAB STAFF

PHED154T Physical Education Activities: Coed: 1 credit
Swimming, Fitness (Beginning); Grade Method: REG/P-F;
0001 TuTh.....3:00pm- 4:15pm (PKT 1112) LAB STAFF

PHED154U Physical Education Activities: Coed: 1 credit
Swimming, Fitness (Intermediate); Grade Method: REG/P-F;
0001 TuTh.....12:00pm- 1:15pm (PKT 1112) LAB STAFF

PHED154V Physical Education Activities: Coed: 1 credit
Swimming, Fitness (Advanced); Grade Method: REG/P-F;
0001 MW.....1:00pm- 3:00pm (PKT 1112) LAB STAFF

PHED154W Physical Education Activities: Coed: 2 credits
Swimming Advanced Life Saving; Grade Method: REG/P-F; Advanced swimming ability is a prerequisite to this course.
0001 MW.....8:00am-10:00am (PKT 1112) LAB STAFF
0002 MW.....9:00am-11:00am (COL 1206) LAB STAFF

PHED154Y Physical Education Activities: Coed: Swimming, Water Safety Instruction; Grade Method: REG/P-F; Current advanced life saving is a prerequisite to this course. — 2 credits
0001 TuTh.....10:00am-12:00pm (COL 1206) LAB STAFF
0002 MW.....10:00am-12:00pm (PKT 1112) LAB STAFF

PHED154Z Physical Education Activities: Coed: Water Polo; Grade Method: REG/P-F; — 1 credit
0001 TuTh.....1:00pm- 2:15pm (COL 1206) LAB STAFF

PHED155N Physical Education Activities: Coed: Tennis (Beginning); Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/27 - 3/31. — 1 credit
0001 Meets 03/27/89 - 05/15/89 STAFF
MW.....8:00am-10:00am (COL 1100F) LAB
0002 Meets 03/27/89 - 05/15/89 STAFF
MW.....10:00am-12:00pm (COL 1100F) LAB
0003 Meets 03/27/89 - 05/15/89 STAFF
MW.....1:00pm- 3:00pm (COL 1100F) LAB
0004 Meets 03/27/89 - 05/15/89 STAFF
MW.....1:00pm- 3:00pm (PRH 2240) LAB
0005 Meets 03/27/89 - 05/15/89 STAFF
TuTh.....8:00am-10:00am (COL 1100F) LAB
0006 Meets 03/27/89 - 05/15/89 STAFF
TuTh.....10:00am-12:00pm (COL 1100F) LAB
0007 Meets 03/27/89 - 05/15/89 STAFF
MW.....3:00pm- 5:00pm (PRH 2240) LAB
0008 Meets 03/27/89 - 05/15/89 STAFF
TuTh.....1:00pm- 3:00pm (COL 1100F) LAB

PHED155O Physical Education Activities: Coed: Tennis (Intermediate); Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/27 - 3/31. — 1 credit
0001 Meets 03/27/89 - 05/15/89 STAFF
MW.....3:00pm- 5:00pm (PRH 2101) LAB
0002 Meets 03/27/89 - 05/15/89 STAFF
MW.....10:00am-12:00pm (PRH 2101) LAB
0003 Meets 03/27/89 - 05/15/89 STAFF
TuTh.....10:00am-12:00pm (PRH 2240) LAB
0004 Meets 03/27/89 - 05/15/89 STAFF
MW.....1:00pm- 3:00pm (PRH 2101) LAB
0005 Meets 03/27/89 - 05/15/89 STAFF
TuTh.....1:00pm- 3:00pm (PRH 2240) LAB

PHED155P Physical Education Activities: Coed: Tennis (Advanced); Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/27 - 3/31. — 1 credit
0001 Meets 03/27/89 - 05/15/89 STAFF
TuTh.....1:00pm- 3:00pm (PRH 2101) LAB

PHED157N Physical Education Activities: Coed: Weight Training (Beginning); Grade Method: REG/P-F; — 1 credit
0001 MWF.....8:00am- 8:50am (PRH 0103) LAB STAFF
0002 MWF.....9:00am- 9:50am (PRH 0103) LAB STAFF
0003 MWF.....10:00am-10:50am (PRH 0103) LAB STAFF
0004 MWF.....11:00am-11:50am (PRH 0103) LAB STAFF
0005 MWF.....3:00pm- 3:50pm (PRH 0103) LAB STAFF
0006 MWF.....4:00pm- 4:50pm (PRH 0103) LAB STAFF
0007 TuTh.....8:00am- 9:15am (PRH 0103) LAB STAFF
0008 TuTh.....9:00am-10:15am (PRH 0103) LAB STAFF
0009 TuTh.....10:00am-11:15am (PRH 0103) LAB STAFF
0010 TuTh.....11:00am-12:15pm (PRH 0103) LAB STAFF
0011 TuTh.....4:00pm- 5:15pm (PRH 0103) LAB STAFF
0012 TuTh.....2:00pm- 3:15pm (PRH 0103) LAB STAFF

PHED157O Physical Education Activities: Coed: Weight Training (Intermediate); Grade Method: REG/P-F; — 1 credit
0001 MWF.....12:00pm-12:50pm (PRH 0103) LAB STAFF
0002 TuTh.....12:00pm- 1:15pm (PRH 0103) LAB STAFF
0003 TuTh.....3:00pm- 4:15pm (PRH 0103) LAB STAFF
0004 MWF.....2:00pm- 2:50pm (PRH 0103) LAB STAFF
0005 TuTh.....5:00pm- 5:50pm (PRH 0103) LAB STAFF

PHED157Q Physical Education Activities: Coed: Body Building; Grade Method: REG/P-F; — 1 credit
0001 TuTh.....1:00pm- 2:15pm (PRH 0103) Salke Jr., R

PHED160N Physical Education Activities: Coed: Volleyball (Beginning); Grade Method: REG/P-F; Meets first eight weeks of term only. Schedule Adjustment Period is 1/23-1/27. — 1 credit
0001 Meets 01/23/89 - 03/17/89 STAFF
MW.....1:00pm- 3:00pm (PRH 2101) LAB

PHED1600 Physical Education Activities: Coed: Volleyball (Intermediate); Grade Method: REG/P-F; Meets first eight weeks of term only. Schedule Adjustment Period is 1/23 - 1/27. — 1 credit
0001 Meets 01/23/89 - 03/17/89 STAFF
TuTh.....1:00pm- 3:00pm (PRH 2101) LAB
0002 Meets 01/23/89 - 03/17/89 STAFF
MW.....10:00am-12:00pm (PRH 2101) LAB

PHED160P Physical Education Activities: Coed: Advanced Volleyball; Grade Method: REG/P-F; — 2 credits
0001 TuTh.....3:00pm- 5:00pm (PRH 2101) LAB STAFF

PHED161N Physical Education Activities: Coed: Conditioning (Beg); Grade Method: REG/P-F; — 2 credits
0001 MW.....10:00am-12:00pm (COL 0108) LAB STAFF
0002 MW.....12:00pm- 2:00pm (COL 0108) LAB STAFF
0003 TuTh.....12:00pm- 2:00pm (COL 0108) LAB STAFF
0004 TuTh.....1:00pm- 3:00pm (PRH 2101) LAB STAFF

PHED161Q Physical Education Activities: Coed: Conditioning - (Aerobic Dance); Grade Method: REG/P-F; — 2 credits
0001 TuTh.....11:00am- 1:00pm (PRH 0102) LAB STAFF
0002 TuTh.....10:00am-12:00pm (COL 0108) LAB STAFF
0003 MW.....3:00pm- 5:00pm (PRH 0102) LAB STAFF
0004 MW.....9:00am-11:00am (PRH 0102) LAB STAFF
0005 TuTh.....1:00pm- 3:00pm (PRH 2240) LAB STAFF
0006 TuTh.....7:00pm- 9:00pm (PRH 0102) LAB STAFF
0007 MW.....1:00pm- 3:00pm (PRH 0102) LAB STAFF
0008 TuTh.....9:00am-11:00am (PRH 0102) LAB STAFF

PHED161S Physical Education Activities: Coed: Conditioning (Aerobic Dance Intermediate); Grade Method: REG/P-F; — 2 credits
0001 MW.....1:00pm- 3:00pm (PRH 2240) LAB STAFF
0002 MW.....11:00am- 1:00pm (PRH 0102) LAB STAFF
0003 TuTh.....3:00pm- 5:00pm (PRH 0102) LAB STAFF

PHED161U Physical Education Activities: Coed: Conditioning (Aerobic Dance-Advanced); Grade Method: REG/P-F; — 2 credits
0001 TuTh.....8:00am-10:00am (PRH 2240) LAB STAFF

PHED180 Foundations of Physical Education; Grade Method: REG; — 3 credits
0101 TuTh.....11:00am-12:15pm (PRH 1301) Owens, L

PHED183 Movement Content for Elementary School Children; Grade Method: REG; — 3 credits
0101 TuTh.....8:00am-10:00am (PRH 0305) STAFF
TuTh.....8:00am-10:00am (PRH 0102) LAB

PHED200 Gymnastics Skills Laboratory; Grade Method: REG/P-F; — 2 credits
0101 TuTh.....1:00pm- 3:00pm (PRH 1120) Murray, J

PHED204 Basketball Skills Laboratory; Grade Method: REG/P-F; Students must obtain departmental permission once classes begin. Meets first eight weeks of term only. Schedule Adjustment Period is 1/23 - 1/27. — 1 credit
0101 Meets 01/23/89 - 03/17/89 Coates Jr., J
MW.....10:00am-12:00pm (PRH 2240) LAB

PHED206 Golf Skills Laboratory; Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/27 - 3/31. — 1 credit
0101 Meets 03/27/89 - 05/15/89 STAFF
TuTh.....1:00pm- 3:00pm (GLF 1102) LAB

PHED210 Field Games Skills Laboratory; Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/27 - 3/31. — 1 credit
0101 Meets 03/27/89 - 05/15/89 STAFF
MW.....10:00am-12:00pm (PRH 2240) LAB

PHED217 Tennis Skills Laboratory; Grade Method: REG/P-F; Meets second eight weeks of term only. Schedule Adjustment Period is 3/27 - 3/31. — 1 credit
0101 Meets 03/27/89 - 05/15/89 STAFF
TuTh.....10:00am-12:00pm (PRH 2101) LAB

PHED218 (PermReq) Laboratory in Teaching; Grade Method: REG/P-F; First class meeting - PRH 2351. — 1 credit
0101 Time and room to be arranged LAB STAFF

PHED221 Volleyball Skills Laboratory; Grade Method: REG/P-F; Meets first eight weeks of term only. Students must obtain departmental permission once classes begin. Schedule Adjustment Period is 1/23 - 1/27. — 1 credit
0101 Meets 01/23/89 - 03/17/89 Drum, B
TuTh.....10:00am-12:00pm (PRH 2101) LAB

PHED222 Weight Training Skills Laboratory; Grade Method: REG/P-F; — 1 credit
0101 MWF.....1:00pm- 1:50pm (PRH 1303) STAFF
MWF.....1:00pm- 1:50pm (PRH 0103) LAB

PHED224 Aerobics Skills Laboratory; Grade Method: REG/P-F; — 1 credit
0101 MWF.....2:00pm- 2:50pm (PRH 1303) STAFF
MWF.....2:00pm- 2:50pm (PRH 1120) LAB

PHED250 Advanced Volleyball Skills Laboratory; Grade Method: REG/P-F; — 2 credits
0101 TuTh.....3:00pm- 5:00pm (PRH 2101) Drum, B

PHED261 Development of Endurance and Strength Fitness; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (PRH 0305) STAFF
MWF.....9:00am- 9:50am (PRH 0305) LAB

PHED287 Sport and American Society; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 TuTh.....9:30am-10:45am (PRH 1303) Vander Velden,
0201 TuTh.....11:00am-12:15pm (PRH 1303) Vander Velden,
0301 MWF.....10:00am-10:50am (PRH 1303) STAFF

PHED289 (PermReq) Topical Investigations; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHED293 History of Sport in America; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Section 0101 is recommended for majors. — 3 credits
0101 TuTh.....9:30am-10:45am (PRH 1312) Struna, N

PHED300 Kinesiology; Grade Method: REG/P-F/AUD; — 4 credits
0101 TuTh.....1:00pm- 4:00pm (PRH 0305) Kelley, D
0201 TuTh.....9:30am-10:45am (PRH 1302) Phillips, S
Tu.....11:00am-12:30pm (PRH 1302) LAB
0202 TuTh.....9:30am-10:45am (PRH 1302) Phillips, S
Th.....11:00am-12:30pm (PRH 1302) LAB

PHED333 Physical Activity for the Handicapped; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....8:00am- 9:30am (PRH 0303) Dirocco, P

PHED335 Swimming Pool Management; Grade Method: REG/P-F/AUD; — 2 credits
0101 TuTh.....9:00am- 9:50am (COL 0100) LAB STAFF

PHED340 Theory of Coaching Athletics; Grade Method: REG/P-F/AUD; — 2 credits
0101 MW.....9:00am- 9:50am (PRH 1301) Drum, B

PHED344 Theory of Coaching Swimming; Grade Method: REG/P-F/AUD; — 2 credits
0101 TuTh.....10:00am-10:50am (COL 0104) Wenhold, J

PHED345 Theory of Coaching Track and Field; Grade Method: REG/P-F/AUD; — 2 credits
0101 TuTh.....9:00am- 9:50am (COL 0104) Costello, F

PHED350 The Psychology of Sports; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 W.....4:15pm- 6:45pm (PRH 1301) Steel, D
0201 TuTh.....8:00am- 9:15am (PRH 1312) Hatfield, B
0301 TuTh.....2:00pm- 3:15pm (PRH 1302) Brown, E

PHED351 Contemporary Issues in American Sport; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:30pm (PRH 0308) Vander Velden,

PHED360 Physiology of Exercise; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 3 credits
0101 TuTh.....10:00am-12:00pm (PRH 2132) Vaccaro, P
0201 TuTh.....1:00pm- 3:00pm (PRH 2132) Ryder, M

PHED361 Weight Control Through Diet and Exercise; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (COL 0100) Salke Jr., R
MWF.....9:00am- 9:50am (COL 0102) LAB

PHED362 Philosophy of Sport; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Recommended for majors only. — 3 credits
0101 MWF.....10:00am-10:50am (PRH 1301) Hult, J

PHED370 Motor Development; Grade Method: REG/AUD; — 3 credits
0101 M.....7:00pm- 9:30pm (PRH 1312) Clark, J
Tu.....12:00pm- 1:00pm (PRH 0307) LAB
0102 M.....7:00pm- 9:30pm (PRH 1312) Clark, J
Tu.....1:00pm- 2:00pm (PRH 0307) LAB
0103 M.....7:00pm- 9:30pm (PRH 1312) Clark, J
Th.....12:00pm- 1:00pm (PRH 0307) LAB
0104 M.....7:00pm- 9:30pm (PRH 1312) Clark, J
M.....6:00pm- 7:00pm (PRH 0307) LAB

PHED381 Prevention and Care of Athletic Injuries; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....8:00am- 8:50am (PRH 1302) Bush, J
F.....8:00am-10:00am (PRH 1302) LAB

PHED385 Motor Learning and Skilled Performance; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (PRH 1303) Tyler, R

PHED389 (PermReq) Topical Investigations; Grade Method: REG/P-F; Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor required. — 1-3 credits

PHED389B Topical Investigations: Black Sports in America; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (PRH 0303) Coates Jr., J

PHED390 Practicum in Teaching Physical Education; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....10:00am-12:00pm (PRH 0303) Arrighi, M

PHED450 Sport Psychology: Applications; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....3:30pm- 6:00pm (PRH 1303) Hatfield, B

PHED455 Scientific Bases of Athletic Conditioning; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....4:15pm- 6:45pm (PRH 1302) Hatfield, B

PHED461 Exercise and Body Composition; Grade Method: REG/P-F/AUD; — 3 credits
0101 W.....4:15pm- 6:45pm (PRH 1303) Ryder, M

PHED480 Measurement in Physical Education; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....1:00pm- 3:00pm (PRH 0302) Steel, D

PHED481 Biophysical Aspects of Human Movement; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (PRH 0307) Phillips, S

PHED490 Administration of Physical Education and Sport; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....7:00pm- 9:30pm (PRH 1302) Scott, M

PHED493 History and Philosophy of Sport and Physical Education; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....8:00am- 8:50am (PRH 1301) Hult, J

PHED496 Quantitative Methods; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....4:15pm- 6:45pm (PRH 1303) Dotson, C

PHED497 Independent Studies Seminar; Grade Method: REG/P-F; For majors only. — 3 credits
0101 MWF.....9:00am- 9:50am (PRH 2132) Tyler, R

PHED498 (PermReq) Special Topics in Physical Education; Grade Method: REG/P-F; — 3 credits
0101 Time and room to be arranged Wrenn, J

PHED498D Special Topics in Physical Education: Comparative History of Modern Sport and Leisure: Britain and the U.S.; Grade Method: REG/P-F/AUD; — 3 credits
0101 Tu.....4:15pm- 6:45pm (PRH 0305) Struna, N

PHED498F Special Topics in Physical Education: Data Processing and Computer Programming for the Exercise Sciences; Grade Method: REG/P-F; — 3 credits
0101 W.....4:15pm- 6:45pm (PRH 1304) SantaMaria, D

PHED498G Special Topics in Physical Education: Mechanical Properties of Human Tissues; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....1:00pm- 3:00pm (PRH 0301) Caldwell, G

PHED609 (PermReq) Research Issues in Physical Education; Grade Method: REG; — 1 credit
0101 Time and room to be arranged Wrenn, J

PHED620 Analysis of Contemporary Athletics; Grade Method: REG/AUD; — 3 credits
0101 Th.....7:00pm- 9:45pm (PRH 0303) Gurney, G

PHED670 Biomechanics Theory; Grade Method: REG/AUD; — 3 credits
0101 W.....4:15pm- 6:45pm (PRH 2132) Caldwell, G

PHED681 Physical Performance and the Physically Impaired; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 6:45pm (PRH 1302) Dirocco, P

PHED689 (PermReq) Special Problems in Physical Education; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHED689K Special Problems in Physical Education: Metabolic Aspects of Exercise Physiology; Grade Method: REG/AUD; — 3 credits
0101 W.....7:00pm- 9:30pm (PRH 2132) Hurley, B

PHED689Z Special Problems in Physical Education: Strategies for Planning in Physical Education; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:30pm (PRH 0305) Scott, M

PHED691 Muscular Aspects of Exercise Physiology; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 6:45pm (PRH 2132) Clarke, D

PHED693 Pulmonary Dynamics in Exercise Physiology; Grade Method: REG/AUD; — 3 credits
0101 Tu.....4:15pm- 6:45pm (PRH 1302) Vaccaro, P

PHED789A Advanced Seminar: Statistics; Grade Method: REG/AUD; — 3 credits
0101 Tu.....7:00pm- 9:30pm (PRH 1303) Dotson, C

PHED789C Advanced Seminar: Psychology of Sport; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 6:45pm (PRH 0305) Steel, D

PHED789L Advanced Seminar: Electromyographic Kinesiology; Grade Method: REG/AUD; — 3 credits
0101 M.....4:15pm- 6:45pm (PRH 2132) Kelley, D

PHED789P Advanced Seminar: Sports Management; Grade Method: REG/AUD; — 3 credits
0101 Th.....4:15pm- 7:00pm (PRH 0301) Chalip, L

PHED798A (PermReq) Internship in Physical Education/Sports Management: Sports Management; Grade Method: REG; Permission of instructor required. — 1-8 credits
0101 Time and room to be arranged Wrenn, J

PHED799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHED899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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PHIL Philosophy (Arts and Humanities)

Philosophy Department Handbook

All philosophy courses are described in detail (course content, textbooks, written assignments, etc.) in the Philosophy Department Handbook. Copies are available in Room 1131 of the Skinner Building.

PHIL100 Introduction to Philosophy; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 3 credits
0101 MW.....1:00pm- 1:50pm (SHM 2102) Martin, R
W.....9:00am- 9:50am (ZOP 1234) DIS
0102 MW.....1:00pm- 1:50pm (SHM 2102) Martin, R
F.....9:00am- 9:50am (ZOP 1228) DIS
0103 MW.....1:00pm- 1:50pm (SHM 2102) Martin, R
M.....1:00pm- 1:50pm (CHM 0119) DIS
0104 MW.....1:00pm- 1:50pm (SHM 2102) Martin, R
M.....1:00pm- 1:50pm (CHM 0127) DIS
0105 MW.....1:00pm- 1:50pm (SHM 2102) Martin, R
M.....12:00pm-12:50pm (MMH 0108) DIS
0106 MW.....1:00pm- 1:50pm (SHM 2102) Martin, R
W.....9:00am- 9:50am (ZOP 1232) DIS
0201 MW.....11:00am-11:50am (SHM 2102) Celarier, J
F.....9:00am- 9:50am (ZOP 1234) DIS
0202 MW.....11:00am-11:50am (SHM 2102) Celarier, J
F.....11:00am-11:50am (CHM 0122) DIS
0203 MW.....11:00am-11:50am (SHM 2102) Celarier, J
F.....11:00am-11:50am (ZOP 1234) DIS
0204 MW.....11:00am-11:50am (SHM 2102) Celarier, J
F.....1:00pm- 1:50pm (ZOP 1234) DIS
0205 MW.....11:00am-11:50am (SHM 2102) Celarier, J
F.....1:00pm- 1:50pm (CHM 0127) DIS
0206 MW.....11:00am-11:50am (SHM 2102) Celarier, J
F.....12:00pm-12:50pm (JRN 1104) DIS
0301 MWF.....9:00am- 9:50am (SKN 1113) STAFF

PHIL140 Contemporary Moral Issues; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; — 3 credits
0101 MW.....11:00am-11:50am (SHM 2101) Odell, S
F.....9:00am- 9:50am (SKN 1106) DIS
0102 MW.....11:00am-11:50am (SHM 2101) Odell, S
F.....11:00am-11:50am (ZOP 1228) DIS
0103 MW.....11:00am-11:50am (SHM 2101) Odell, S
F.....12:00pm-12:50pm (TYD 1140) DIS
0201 MWF.....10:00am-10:50am (WDS 1127) STAFF
0301 TuTh.....11:00am-12:15pm (WDS 1131) STAFF

A note about PHIL 170, PHIL 173, PHIL 174, and PHIL 271: PHIL 170 provides the student with a broad understanding of the field of logic, in both its traditional and its modern forms. PHIL 173 and 174 concentrate on applications, using logic to uncover the deductive structure of published material written in a diversity of literary styles. PHIL 271 enables the student to develop skill in using the techniques of modern symbolic logic, and an understanding of some of its underlying principles. All four courses attempt to develop in students a heightened sensitivity to logical form, logical fallacy, and the logical nuances of ordinary language.

PHIL170 Introduction to Logic; Grade Method: REG/P-F/AUD; — 3 credits
0101 MW.....12:00pm-12:50pm (TLF 0124) Stairs, A
F.....1:00pm- 1:50pm (TAA 1122) DIS
0102 MW.....12:00pm-12:50pm (TLF 0124) Stairs, A
F.....11:00am-11:50am (HJP 1229) DIS
0103 MW.....12:00pm-12:50pm (TLF 0124) Stairs, A
F.....12:00pm-12:50pm (MMH 0108) DIS
0201 MWF.....1:00pm- 1:50pm (SKN 1113) STAFF
0301 TuTh.....12:30pm- 1:45pm (SKN 1113) STAFF

PHIL173 Logic and the English Language I; Grade Method: REG; — 3 credits
0101 MWF.....10:00am-10:50am (WDS 1114) Pasch, A

PHIL174 Logic and the English Language II; Grade Method: REG; Prerequisite: PHIL 173 or consent of instructor. — 3 credits
0101 MWF.....2:00pm- 2:50pm (WDS 1130) Pasch, A

PHIL209A Philosophical Issues: What is Cognitive Science?; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (WDS 1127) Edwards, D

PHIL209B Philosophical Issues: Language and Mind; Grade Method: REG/P-F/AUD; — 3 credits

0101 TuTh.....9:30am-10:45am (HBK 0117) Gorrell, P

PHIL209K Philosophical Issues: Philosophical Judaism; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 2117) Manekin, C

PHIL250 Philosophy of Science I; Grade Method: REG/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (WDS 1131) Darden, L

PHIL271 Symbolic Logic I; Grade Method: REG/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Not open to students having credit in PHIL 371. 3 credits
0101 MWF.....10:00am-10:50am (SKN 1113) Svenonius, L
0201 TuTh.....9:30am-10:45am (SKN 1113) Suppe, F

PHIL308J Studies in Contemporary Philosophy: Philosophy of Literature and Film; Grade Method: REG/P-F/AUD; In addition to scheduled classes, one viewing of a movie every other week will be required. 3 credits
0101 TuTh.....3:30pm- 4:45pm (SKN 1113) Levinson, J

PHIL308K Studies in Contemporary Philosophy: Philosophy of Humor; Grade Method: REG/P-F/AUD; Prerequisite: one course in philosophy or literature. 3 credits
0101 TuTh.....11:00am-12:15pm (SKN 1113) Levinson, J

PHIL310 Ancient Philosophy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: six hours in philosophy or classics. 3 credits
0101 TuTh.....2:00pm- 3:15pm (SKN 1113) STAFF

PHIL320 Modern Philosophy; Grade Method: REG/P-F/AUD; Prerequisite: six hours of philosophy. 3 credits
0101 TuTh.....9:30am-10:45am (SKN 1106) STAFF

PHIL326 Twentieth Century Analytic Philosophy; Grade Method: REG/P-F/AUD; Prerequisite: six hours of philosophy; PHIL 320 recommended. 3 credits
0101 MWF.....12:00pm-12:50pm (SKN 1106) Odell, S

PHIL328B Studies in the History of Philosophy: Marxist Philosophy; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: one course in philosophy or a GVPT course in political theory or an ECON course in economic theory. 3 credits
0101 MW.....12:00pm-12:50pm (SKN 1113) Manekin, C
F.....9:00am- 9:50am (TAR 1122) DIS
0102 MW.....12:00pm-12:50pm (SKN 1113) Manekin, C
F.....10:00am-10:50am (ART 0108) DIS
0103 MW.....12:00pm-12:50pm (SKN 1113) Manekin, C
F.....12:00pm-12:50pm (SKN 1113) DIS

PHIL331 Philosophy of Art; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: two courses in the arts or one course in philosophy. 3 credits
0101 TuTh.....12:30pm- 1:45pm (SKN 1106) Brown, J

PHIL341 Introduction to Ethical Theory; Grade Method: REG/P-F/AUD; This is the old PHIL 142 with a new number. Students holding credit for PHIL 142 cannot recieve credit for PHIL 341. 3 credits
0101 MW.....2:00pm- 3:15pm (SKN 1106) STAFF

PHIL386 Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with PHIL 387. Consult Director of Undergraduate Studies: Pasch, A. Prerequisites: 12 credit hours of philosophy, 3.0 GPA. Carries no credit toward philosophy major. 3 credits

PHIL387 Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with PHIL 386. Consult Director of Undergraduate Studies: Pasch, A. 3 credits

PHIL408C Topics in Contemporary Philosophy: Realism: Recent Views; Grade Method: REG/P-F/AUD; Prequisite: six hours of philosophy or permission of instructor. 3 credits
0101 TuTh.....2:00pm- 3:15pm (SKN 1106) Devitt, M

PHIL408V Topics in Contemporary Philosophy: Virtue Ethics; Grade Method: REG/P-F/AUD; Prerequisite: six hours of philosophy or permission of instructor. 3 credits
0101 TuTh.....2:00pm- 3:15pm (SKN 1105) Slote, M

PHIL414 The Philosophy of Aristotle; Grade Method: REG/P-F/AUD; Prerequisites: six hours of philosophy. PHIL 310 recommended. 3 credits
0101 Tu.....9:45am-12:15pm (SKN 1105) STAFF

PHIL428L Topics in the History of Philosophy: Locke vs Leibniz; Grade Method: REG/P-F/AUD; Prerequisite: six hours of philosophy or permission of instructor. PHIL 320 recommended. 3 credits
0101 TuTh.....11:00am-12:15pm (WDS 1127) STAFF

PHIL441 History of Ethics: Hobbes to the Present; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisite: PHIL 140 or consent of instructor. 3 credits
0101 MW.....9:30am-10:45am (SKN 1106) Johnson, C

PHIL447 Philosophy of Law; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: one course in philosophy. 3 credits
0101 MW.....2:00pm- 3:15pm (WDS 1127) Johnson, C

PHIL453 Philosophy of Science II; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: PHIL 250 or permission of instructor. 3 credits
0101 TuTh.....12:30pm- 1:45pm (WDS 1127) Suppe, F

PHIL458C Topics in the Philosophy of Science: Representation and Reasoning in Cognitive Science; Grade Method: REG/P-F/AUD; Prerequisite: PHIL 250 or consent of instructor. Consent will be granted to students with an elementary course in cognitive science or a course relevant to cognitive science in one of its component disciplines (philosophy, psychology, linguistics, computer science, neuroscience). 3 credits
0101 TuTh.....12:30pm- 1:45pm (SKN 1105) Edwards, D

PHIL461 Theory of Meaning; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (SKN 1106) Devitt, M

PHIL474 Induction and Probability; Grade Method: REG/P-F/AUD; Prerequisite: consent of instructor. 3 credits
0101 MWF.....1:00pm- 1:50pm (SKN 1105) Svenonius, L

PHIL498C (PermReq) Topical Investigations; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHIL498D (PermReq) Topical Investigations; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHIL688D (PermReq) Selected Problems in Philosophy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHIL688E (PermReq) Selected Problems in Philosophy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHIL788E (PermReq) Research in Philosophy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

PHIL788F (PermReq) Research in Philosophy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

PHIL799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

PHIL808I Seminar in the Problems of Philosophy: Philosophy of History; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Martin, R

PHIL808N Seminar in the Problems of Philosophy: Philosophy of Neuroscience; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Cherniak, C

PHIL899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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PHYS Physics (Comp, Math, & Phys Sci)

PHYS102 Physics of Music; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies Non-lab Science and Mathematics requirement. If taken with PHYS 103, course may be counted as Lab Science requirement. Credit cannot be received for both PHYS 102 and PHYS 499C. 3 credits
0101 TuTh.....2:00pm- 3:15pm (PHY 1412) Brill, D

PHYS103 Physics of Music Laboratory; Grade Method: REG/P-F/AUD; Labs begin week of February 1. 1 credit
0101 Th.....9:00am-10:50am (PHY 3213) LAB Berg, R
0201 Th.....12:00pm- 1:50pm (PHY 3213) LAB Berg, R
0301 Th.....3:30pm- 5:20pm (PHY 3213) LAB Berg, R
0401 F.....10:00am-11:50am (PHY 3213) LAB Berg, R
0501 F.....12:00pm- 1:50pm (PHY 3213) LAB Berg, R

PHYS106 Light, Perception, Photography, and Visual Phenomena; Grade Method: REG/P-F/AUD; Course meets University Studies Program Distributive Studies non-lab science and mathematics requirement. If taken with PHYS 107, course may be counted as lab science requirement. 3 credits
0101 MWF.....2:00pm- 2:50pm (PHY 1412) Fivel, D

PHYS107 Light, Perception, Photography and Visual Phenomena Laboratory; Grade Method: REG/P-F/AUD; Pre- or corequisite: PHYS 106. 1 credit
0101 M.....3:00pm- 4:50pm (PHY 3214) LAB Fivel, D
0201 Tu.....9:00am-10:50am (PHY 3214) LAB Fivel, D
0301 Tu.....11:00am-12:50pm (PHY 3214) LAB Fivel, D
0401 Tu.....1:00pm- 2:50pm (PHY 3214) LAB Fivel, D
0501 W.....11:00am-12:50pm (PHY 3214) LAB Fivel, D
0601 W.....3:00pm- 4:50pm (PHY 3214) LAB Fivel, D
0701 Th.....3:00pm- 4:50pm (PHY 3214) LAB Fivel, D
0801 W.....9:00am-10:50am (PHY 3214) LAB Fivel, D

PHYS112 Physics in the Modern World; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: PHYS 111 or PHYS 400. 3 credits
0101 MWF.....9:00am- 9:50am (PHY 0405) Falk, D

PHYS117 Introduction to Physics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 4 credits
0101 MWF.....9:00am- 9:50am (PHY 1410) Kim, Y
Tu.....11:00am-12:50pm (PHY 3316) LAB
0102 MWF.....9:00am- 9:50am (PHY 1410) Kim, Y
W.....10:00am-11:50am (PHY 3316) LAB
0103 MWF.....9:00am- 9:50am (PHY 1410) Kim, Y
W.....3:00pm- 4:50pm (PHY 3316) LAB
0104 MWF.....9:00am- 9:50am (PHY 1410) Kim, Y
Tu.....1:00pm- 2:50pm (PHY 3316) LAB

PHYS121 Fundamentals of Physics I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics Clinic, PHY 1214, MTWHF 12,2. 4 credits
0101 TuTh.....11:00am-12:15pm (PHY 1410) Chant, N
Th.....9:00am-10:50am (PHY 3306) LAB
Th.....8:00am- 8:50am (PHY 0405) DIS
0102 TuTh.....11:00am-12:15pm (PHY 1410) Chant, N
Tu.....9:00am-10:50am (PHY 3306) LAB
Tu.....8:00am- 8:50am (PHY 0405) DIS
0103 TuTh.....11:00am-12:15pm (PHY 1410) Chant, N
Th.....2:00pm- 3:50pm (PHY 3306) LAB
Th.....1:00pm- 1:50pm (PHY 1219) DIS
0104 TuTh.....11:00am-12:15pm (PHY 1410) Chant, N
M.....1:00pm- 2:50pm (PHY 3306) LAB
M.....12:00pm-12:50pm (PHY 4208) DIS
0105 TuTh.....11:00am-12:15pm (PHY 1410) Chant, N
W.....12:00pm- 1:50pm (PHY 3306) LAB
W.....11:00am-11:50am (EGR 0104) DIS
0106 TuTh.....11:00am-12:15pm (PHY 1410) Chant, N
M.....9:00am-10:50am (PHY 3306) LAB
M.....8:00am- 8:50am (PHY 1402) DIS
0201 MWF.....1:00pm- 1:50pm (PHY 1410) STAFF
W.....10:00am-11:50am (PHY 3306) LAB
W.....9:00am- 9:50am (PHY 4220) DIS
0202 MWF.....1:00pm- 1:50pm (PHY 1410) STAFF
W.....3:00pm- 4:50pm (PHY 3306) LAB
W.....2:00pm- 2:50pm (PHY 4220) DIS
0203 MWF.....1:00pm- 1:50pm (PHY 1410) STAFF
M.....3:00pm- 4:50pm (PHY 3306) LAB
M.....2:00pm- 2:50pm (PHY 1221) DIS
0204 MWF.....1:00pm- 1:50pm (PHY 1410) STAFF
Tu.....3:00pm- 4:50pm (PHY 3306) LAB
Tu.....2:00pm- 2:50pm (PHY 1221) DIS
0205 MWF.....1:00pm- 1:50pm (PHY 1410) STAFF
Tu.....1:00pm- 2:50pm (PHY 3306) LAB
Tu.....12:00pm-12:50pm (PHY 0405) DIS
0206 MWF.....1:00pm- 1:50pm (PHY 1410) STAFF
Th.....12:00pm- 1:50pm (PHY 3306) LAB
Th.....11:00am-11:50am (PHY 1221) DIS

PHYS122 Fundamentals of Physics II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics Clinic, PHY 1214, MTWHF 11,2. 4 credits
0101 MWF.....10:00am-10:50am (PHY 1410) Das Sarma, S
M.....12:00pm- 1:50pm (PHY 3312) LAB
M.....11:00am-11:50am (ZOP 1124) DIS
0102 MWF.....10:00am-10:50am (PHY 1410) Das Sarma, S
W.....12:00pm- 1:50pm (PHY 3312) LAB
W.....11:00am-11:50am (ZOP 1234) DIS
0103 MWF.....10:00am-10:50am (PHY 1410) Das Sarma, S
Tu.....12:00pm- 1:50pm (PHY 3312) LAB
Tu.....11:00am-11:50am (PHY 1221) DIS
0104 MWF.....10:00am-10:50am (PHY 1410) Das Sarma, S
Tu.....2:00pm- 3:50pm (PHY 3312) LAB
Tu.....1:00pm- 1:50pm (PHY 1221) DIS
0105 MWF.....10:00am-10:50am (PHY 1410) Das Sarma, S
W.....3:00pm- 4:50pm (PHY 3312) LAB
W.....2:00pm- 2:50pm (PHY 1221) DIS
0106 MWF.....10:00am-10:50am (PHY 1410) Das Sarma, S
Th.....10:00am-11:50am (PHY 3312) LAB
Th.....9:00am- 9:50am (PHY 0405) DIS
0201 TuTh.....12:30pm- 1:45pm (PHY 1410) Dragt, A
Tu.....10:00am-11:50am (PHY 3312) LAB
Tu.....9:00am- 9:50am (PHY 0405) DIS
0202 TuTh.....12:30pm- 1:45pm (PHY 1410) Dragt, A
Th.....3:00pm- 4:50pm (PHY 3312) LAB
Th.....2:00pm- 2:50pm (PHY 1219) DIS
0203 TuTh.....12:30pm- 1:45pm (PHY 1410) Dragt, A
M.....4:00pm- 5:50pm (PHY 3312) LAB
M.....3:00pm- 3:50pm (PHY 1221) DIS
0204 TuTh.....12:30pm- 1:45pm (PHY 1410) Dragt, A
W.....9:00am-10:50am (PHY 3312) LAB
W.....8:00am- 8:50am (PHY 0405) DIS
0205 TuTh.....12:30pm- 1:45pm (PHY 1410) Dragt, A
Th.....8:00am- 9:50am (PHY 3312) LAB
Tu.....9:00am- 9:50am (MTH B0427) DIS
0301 MW.....7:00pm- 8:30pm (PHY 1412) Khor, E
Tu.....7:30pm- 9:30pm (PHY 3312) LAB
Tu.....6:30pm- 7:20pm (PHY 1219) DIS
0302 MW.....7:00pm- 8:30pm (PHY 1412) Khor, E
Th.....7:30pm- 9:30pm (PHY 3312) LAB
Th.....6:30pm- 7:20pm (PHY 1219) DIS
0303 MW.....7:00pm- 8:30pm (PHY 1412) Khor, E
Tu.....4:00pm- 6:00pm (PHY 3312) LAB
Tu.....3:00pm- 3:50pm (PHY 1219) DIS

PHYS141 Principles of Physics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics Clinic, PHY 1214, MTWHF 2. 4 credits
0101 MWF.....3:00pm- 3:50pm (PHY 1410) Holmgren, H
W.....11:00am-12:50pm (PHY 3314) LAB
W.....10:00am-10:50am (PHY 0405) DIS
0102 MWF.....3:00pm- 3:50pm (PHY 1410) Holmgren, H
W.....1:00pm- 2:50pm (PHY 3314) LAB
W.....12:00pm-12:50pm (PHY 4208) DIS
0104 MWF.....3:00pm- 3:50pm (PHY 1410) Holmgren, H
Th.....11:00am-12:50pm (PHY 3314) LAB
Th.....10:00am-10:50am (CHM 0127) DIS

PHYS142 Principles of Physics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics Clinic, PHY 1214, MTWHF 10,12. 4 credits
0101 MWF.....11:00am-11:50am (PHY 1410) Layman, J
M.....1:00pm- 2:50pm (PHY 3310) LAB
M.....12:00pm-12:50pm (PHY 4220) DIS
0102 MWF.....11:00am-11:50am (PHY 1410) Layman, J
M.....3:00pm- 4:50pm (PHY 3310) LAB
M.....2:00pm- 2:50pm (PHY 1402) DIS
0103 MWF.....11:00am-11:50am (PHY 1410) Layman, J
Tu.....9:00am-10:50am (PHY 3310) LAB
Tu.....8:00am- 8:50am (PHY 4220) DIS
0104 MWF.....11:00am-11:50am (PHY 1410) Layman, J
Tu.....3:00pm- 4:50pm (PHY 3310) LAB
Tu.....2:00pm- 2:50pm (PHY 4220) DIS

PHYS161 General Physics: Mechanics and Particle Dynamics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Physics Clinic, PHY 1214, MTWHF 11, 1, 2. 3 credits
0101 TuTh.....12:30pm- 1:45pm (PHY 1412) Fivel, D
Tu.....2:00pm- 2:50pm (PHY 1402) DIS
0102 TuTh.....12:30pm- 1:45pm (PHY 1412) Fivel, D
W.....3:00pm- 3:50pm (PHY 1402) DIS
0103 TuTh.....12:30pm- 1:45pm (PHY 1412) Fivel, D
Th.....11:00am-11:50am (PHY 4208) DIS
0104 TuTh.....12:30pm- 1:45pm (PHY 1412) Fivel, D
W.....1:00pm- 1:50pm (PHY 4208) DIS
0105 TuTh.....12:30pm- 1:45pm (PHY 1412) Fivel, D
Th.....3:00pm- 3:50pm (PHY 4208) DIS
0201 MWF.....12:00pm-12:50pm (PHY 1412) Kacser, C
M.....4:00pm- 4:50pm (PHY 4208) DIS
0202 MWF.....12:00pm-12:50pm (PHY 1412) Kacser, C
Tu.....8:00am- 8:50am (PHY 4208) DIS
0203 MWF.....12:00pm-12:50pm (PHY 1412) Kacser, C
Th.....8:00am- 8:50am (PHY 4208) DIS
0204 MWF.....12:00pm-12:50pm (PHY 1412) Kacser, C
M.....1:00pm- 1:50pm (PHY 4220) DIS
0205 MWF.....12:00pm-12:50pm (PHY 1412) Kacser, C
W.....2:00pm- 2:50pm (PHY 4208) DIS
0301 MWF.....2:00pm- 2:50pm (PHY 1410) Mohapatra, R
Tu.....11:00am-11:50am (PHY 4208) DIS
0302 MWF.....2:00pm- 2:50pm (PHY 1410) Mohapatra, R
Th.....2:00pm- 2:50pm (PHY 4208) DIS
0303 MWF.....2:00pm- 2:50pm (PHY 1410) Mohapatra, R
W.....8:00am- 8:50am (PHY 4208) DIS
0304 MWF.....2:00pm- 2:50pm (PHY 1410) Mohapatra, R
Th.....8:00am- 8:50am (PHY 1219) DIS
0305 MWF.....2:00pm- 2:50pm (PHY 1410) Mohapatra, R
F.....1:00pm- 1:50pm (PHY 4208) DIS
0401 MW.....7:00pm- 9:00pm (PHY 1410) Rapport, M
MW.....7:00pm- 9:00pm (PHY 1219) DIS
0402 MW.....7:00pm- 9:00pm (PHY 1410) Rapport, M
MW.....7:00pm- 9:00pm (PHY 1221) DIS
0403 MW.....7:00pm- 9:00pm (PHY 1410) Rapport, M
MW.....7:00pm- 9:00pm (PHY 1402) DIS

PHYS161H General Physics: Mechanics and Particle Dynamics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (PHY 1412) Glucksternn, R
Tu.....11:00am-11:50am (PHY 1219) DIS
0201 MWF.....12:00pm-12:50pm (PHY 1412) Fivel, D
Tu.....11:00am-11:50am (PHY 1219) DIS
0301 MWF.....2:00pm- 2:50pm (PHY 1410) Mohapatra, R
Tu.....11:00am-11:50am (PHY 1219) DIS

PHYS171 Introductory Physics: Mechanics; Grade Method: REG/P-F/AUD; 3 credits
0101 MTuThF....10:00am-10:50am (PHY 0405) Goodman, J

PHYS262 General Physics: Vibrations, Waves, Heat, Electricity and Magnetism; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Must register also for PHYS 262A. Physics Clinic, PHY 1214, MTWHF 11, 1. 4 credits
0101 TuTh.....8:00am- 9:15am (PHY 1412) Jawahery, A
M.....2:00pm- 2:50pm (PHY 4208) DIS
0102 TuTh.....8:00am- 9:15am (PHY 1412) Jawahery, A
Th.....2:00pm- 2:50pm (PHY 1221) DIS
0103 TuTh.....8:00am- 9:15am (PHY 1412) Jawahery, A
Tu.....12:00pm-12:50pm (PHY 4220) DIS
0104 TuTh.....8:00am- 9:15am (PHY 1412) Jawahery, A
Tu.....1:00pm- 1:50pm (PHY 4208) DIS
0105 TuTh.....8:00am- 9:15am (PHY 1412) Jawahery, A
M.....8:00am- 8:50am (PHY 4208) DIS
0201 MWF.....10:00am-10:50am (PHY 1412) Hill III, W
Tu.....12:00pm-12:50pm (PHY 4208) DIS
0202 MWF.....10:00am-10:50am (PHY 1412) Hill III, W
M.....1:00pm- 1:50pm (PHY 1219) DIS
0203 MWF.....10:00am-10:50am (PHY 1412) Hill III, W
Th.....11:00am-11:50am (PHY 1219) DIS
0204 MWF.....10:00am-10:50am (PHY 1412) Hill III, W
W.....8:00am- 8:50am (PHY 1219) DIS
0205 MWF.....10:00am-10:50am (PHY 1412) Hill III, W
Tu.....3:00pm- 3:50pm (PHY 4220) DIS
0301 TuTh.....9:30am-10:45am (PHY 1410) Banerjee, M
W.....3:00pm- 3:50pm (PHY 1221) DIS
0302 TuTh.....9:30am-10:45am (PHY 1410) Banerjee, M
Tu.....3:00pm- 3:50pm (PHY 1402) DIS
0303 TuTh.....9:30am-10:45am (PHY 1410) Banerjee, M
Th.....1:00pm- 1:50pm (PHY 1221) DIS
0304 TuTh.....9:30am-10:45am (PHY 1410) Banerjee, M
F.....12:00pm-12:50pm (PHY 4208) DIS
0305 TuTh.....9:30am-10:45am (PHY 1410) Banerjee, M
Th.....8:00am- 8:50am (PHY 1221) DIS

PHYS262A General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory); Grade Method: NGI; Laboratory for PHYS 262. No credit
0101 Th.....8:00am- 9:50am (PHY 3219) LAB Talaga, R
0102 M.....10:00am-11:50am (PHY 3219) LAB Talaga, R
0103 M.....12:00pm- 1:50pm (PHY 3219) LAB Talaga, R
0104 M.....2:00pm- 3:50pm (PHY 3219) LAB Talaga, R
0105 M.....4:00pm- 5:50pm (PHY 3219) LAB Talaga, R
0106 Tu.....8:00am- 9:50am (PHY 3219) LAB Talaga, R
0107 Tu.....10:00am-11:50am (PHY 3219) LAB Talaga, R
0108 Tu.....12:00pm- 1:50pm (PHY 3219) LAB Talaga, R
0109 Tu.....2:00pm- 3:50pm (PHY 3219) LAB Talaga, R
0110 Tu.....4:00pm- 5:50pm (PHY 3219) LAB Talaga, R
0111 W.....8:00am- 9:50am (PHY 3219) LAB Talaga, R
0112 W.....10:00am-11:50am (PHY 3219) LAB Talaga, R
0113 W.....12:00pm- 1:50pm (PHY 3219) LAB Talaga, R
0114 W.....2:00pm- 3:50pm (PHY 3219) LAB Talaga, R
0115 W.....4:00pm- 5:50pm (PHY 3219) LAB Talaga, R
0116 Th.....10:00am-11:50am (PHY 3219) LAB Talaga, R
0117 Th.....12:00pm- 1:50pm (PHY 3219) LAB Talaga, R
0118 Th.....2:00pm- 3:50pm (PHY 3219) LAB Talaga, R

PHYS263 General Physics: Electrodynamics, Light, Relativity and Modern Physics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Must register also for PHYS 263A. Physics Clinic, PHY 1214, MTWHF 10, 12, 2. 4 credits
0101 MWF.....1:00pm- 1:50pm (PHY 1412) Muhammad, M
Tu.....3:00pm- 3:50pm (PHY 4208) DIS
0102 MWF.....1:00pm- 1:50pm (PHY 1412) Muhammad, M
W.....2:00pm- 2:50pm (PHY 1402) DIS
0103 MWF.....1:00pm- 1:50pm (PHY 1412) Muhammad, M
M.....10:00am-10:50am (PHY 1219) DIS
0104 MWF.....1:00pm- 1:50pm (PHY 1412) Muhammad, M
W.....12:00pm-12:50pm (PHY 4220) DIS
0105 MWF.....1:00pm- 1:50pm (PHY 1412) Muhammad, M
Th.....1:00pm- 1:50pm (PHY 4208) DIS
0201 MWF.....11:00am-11:50am (PHY 1412) Kacser, C
W.....3:00pm- 3:50pm (PHY 4220) DIS
0202 MWF.....11:00am-11:50am (PHY 1412) Kacser, C
F.....8:00am- 8:50am (PHY 4208) DIS
0203 MWF.....11:00am-11:50am (PHY 1412) Kacser, C
F.....12:00pm-12:50pm (PHY 4220) DIS
0204 MWF.....11:00am-11:50am (PHY 1412) Kacser, C
Th.....12:00pm-12:50pm (PHY 4208) DIS
0205 MWF.....11:00am-11:50am (PHY 1412) Kacser, C
W.....1:00pm- 1:50pm (PHY 4220) DIS
0301 TuTh.....2:00pm- 3:15pm (PHY 1410) Wilkerson, T
Tu.....8:00am- 8:50am (PHY 1219) DIS
0302 TuTh.....2:00pm- 3:15pm (PHY 1410) Wilkerson, T
W.....1:00pm- 1:50pm (PHY 1219) DIS
0303 TuTh.....2:00pm- 3:15pm (PHY 1410) Wilkerson, T
Th.....12:00pm-12:50pm (PHY 1219) DIS
0304 TuTh.....2:00pm- 3:15pm (PHY 1410) Wilkerson, T
Tu.....1:00pm- 1:50pm (PHY 1402) DIS
0305 TuTh.....2:00pm- 3:15pm (PHY 1410) Wilkerson, T
F.....10:00am-10:50am (PHY 1219) DIS

0401 MW.....7:00pm- 9:00pm (PHY 0405) Tylka, A
MW.....7:00pm- 9:00pm (PHY 4208) DIS
0402 MW.....7:00pm- 9:00pm (PHY 0405) Tylka, A
MW.....7:00pm- 9:00pm (PHY 4220) DIS

PHYS263A General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory); Grade Method: NGI; Laboratory for PHYS 263. — No credit

0101 Th.....8:00am- 9:50am (PHY 3220) LAB Talaga, R
0102 Th.....2:00pm- 3:50pm (PHY 3220) LAB Talaga, R
0103 M.....12:00pm- 1:50pm (PHY 3220) LAB Talaga, R
0104 M.....2:00pm- 3:50pm (PHY 3220) LAB Talaga, R
0105 M.....4:00pm- 5:50pm (PHY 3220) LAB Talaga, R
0106 Tu.....8:00am- 9:50am (PHY 3220) LAB Talaga, R
0107 Tu.....10:00am-11:50am (PHY 3220) LAB Talaga, R
0108 Tu.....12:00pm- 1:50pm (PHY 3220) LAB Talaga, R
0109 Tu.....2:00pm- 3:50pm (PHY 3220) LAB Talaga, R
0110 Tu.....4:00pm- 5:50pm (PHY 3220) LAB Talaga, R
0111 W.....8:00am- 9:50am (PHY 3220) LAB Talaga, R
0112 W.....10:00am-11:50am (PHY 3220) LAB Talaga, R
0113 W.....12:00pm- 1:50pm (PHY 3220) LAB Talaga, R
0114 W.....2:00pm- 3:50pm (PHY 3220) LAB Talaga, R
0115 W.....4:00pm- 5:50pm (PHY 3220) LAB Talaga, R
0116 Th.....10:00am-11:50am (PHY 3220) LAB Talaga, R
0117 Th.....12:00pm- 1:50pm (PHY 3220) LAB Talaga, R
0119 Tu.....7:00pm- 8:50pm (PHY 3220) LAB Talaga, R
0120 Th.....7:00pm- 8:50pm (PHY 3220) LAB Talaga, R

PHYS263H (PermReq) General Physics: Electrodynamics, Light, Relativity and Modern Physics; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Must register also for PHYS 263A. Clinic - M and Z Slawsky, arranged - PHY 1214. — 4 credits

0101 MWF.....1:00pm- 1:50pm (PHY 1412) Muhammad, M
Tu.....1:00pm- 1:50pm (PHY 1219) DIS
0201 MWF.....11:00am-11:50am (PHY 1412) Kacser, C
Tu.....1:00pm- 1:50pm (PHY 1219) DIS
0301 TuTh.....2:00pm- 3:15pm (PHY 1410) Wilkerson, T
Tu.....1:00pm- 1:50pm (PHY 1219) DIS

PHYS272 Introductory Physics: Vibration, Waves, Heat, Electrostatics and Magnetostatics; Grade Method: REG/P-F/AUD; — 3 credits

0101 MTuThF....9:00am- 9:50am (PHY 4220) Glick, A
0201 MTuThF....11:00am-11:50am (PHY 0405) Alley, C

PHYS273 Introductory Physics: Electrodynamics, Optics, Light, Relativity and Modern Physics; Grade Method: REG/P-F/AUD; — 3 credits

0101 MF.....11:00am-11:50am (PHY 1402) Williams, E
W.....10:00am-11:50am (PHY 1402)

PHYS275 (PermReq) Experimental Physics I: Mechanics and Thermodynamics; Grade Method: REG/P-F/AUD; — 1 credit

0101 M.....3:00pm- 5:50pm (PHY 3203) LAB Desilva, A
0201 W.....1:00pm- 3:50pm (PHY 3203) LAB Roos, P
0301 Th.....2:00pm- 4:50pm (PHY 3203) LAB Desilva, A

PHYS276 Experimental Physics II: Electricity and Magnetism; Grade Method: REG/P-F/AUD; — 2 credits

0101 M.....1:00pm- 3:50pm (PHY 3211) Richard, J
0201 Tu.....1:00pm- 3:50pm (PHY 3211) Richard, J
0301 W.....12:00pm- 2:50pm (PHY 3211) Zorn, G
0401 Th.....12:00pm- 2:50pm (PHY 3211) Zorn, G

PHYS299 (PermReq) Special Problems in Physics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHYS301 Intermediate Theoretical Physics; Grade Method: REG/P-F/AUD; — 3 credits

0101 MWF.....12:00pm-12:50pm (PHY 1221) STAFF

PHYS305 Physics Shop Techniques; Grade Method: REG/P-F/AUD; — 1 credit

0101 Th.....2:00pm- 4:50pm (PHY 0125) LAB Scesa, B

PHYS375 Experimental Physics III: Electromagnetic Waves, Optics and Modern Physics; Grade Method: REG/P-F/AUD; — 2 credits

0101 M.....1:00pm- 3:50pm (PHY 3104) LAB Currie, D
0201 Tu.....2:00pm- 4:50pm (PHY 3104) LAB Currie, D
0301 Th.....1:00pm- 3:50pm (PHY 3104) LAB Boyd, D

PHYS389 (PermReq) Undergraduate Thesis Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHYS395 (PermReq) Advanced Experiments; Grade Method: REG/P-F/AUD; Additional required lab time to be arranged. — 3 credits

0101 W.....12:00pm- 3:50pm (PHY 3210) LAB Chang, C

PHYS398 (PermReq) Independent Studies Seminar; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

PHYS398A (PermReq) Independent Studies Seminar; Grade Method: REG/P-F/AUD; — 1 credit

0101 Tu.....12:00pm-12:50pm (PHY 1219) STAFF

PHYS399 (PermReq) Special Problems in Physics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHYS406 Optics; Grade Method: REG/P-F/AUD; — 3 credits

0101 MWF.....12:00pm-12:50pm (PHY 1402) Gammon, R

PHYS410 Elements of Theoretical Physics: Mechanics; Grade Method: REG/P-F/AUD; — 4 credits

0101 TuTh.....9:00am-10:50am (PHY 4208) Skuja, A

PHYS411 Elements of Theoretical Physics: Electricity and Magnetism; Grade Method: REG/P-F/AUD; — 4 credits

0101 TuTh.....9:00am-10:50am (PHY 1402) Misner, C

PHYS414 Introduction to Thermodynamics and Statistical Mechanics; Grade Method: REG/P-F/AUD; — 3 credits

0101 MWF.....3:00pm- 3:50pm (PHY 4208) Kelly, J

PHYS420 Principles of Modern Physics; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits

0101 MWF.....12:00pm-12:50pm (PHY 1410) Einstein, T
0201 TuTh.....8:00am- 9:15am (PHY 1410) Earl, J

PHYS421 Introduction to Modern Physics; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits

0101 MWF.....11:00am-11:50am (PHY 1219) Hornyak, W

PHYS422 Modern Physics; Grade Method: REG/P-F/AUD; — 4 credits

0101 MF.....9:00am- 9:50am (PHY 1219) Drew, H
W.....9:00am-10:50am (PHY 1219)

PHYS429 (PermReq) Atomic and Nuclear Physics Laboratory; Grade Method: REG/P-F/AUD; Labs begin first week of classes. Students may work at times other than those listed below. They must, however, be available for the first hour of either one of the two regularly scheduled sections. Physics majors only. — 3 credits

0101 M.....1:00pm- 6:00pm (PHY 3333) LAB Paik, H
0102 Th.....12:00pm- 5:00pm (PHY 3333) LAB Berley, D

PHYS485 (PermReq) Electronic Circuits; Grade Method: REG/P-F/AUD; Lab begins first week of classes. — 4 credits

0101 M.....2:00pm- 3:50pm (PHY 4220) Anderson, J
W.....1:00pm- 4:50pm (PHY 3120) LAB

PHYS490 History of Modern Physics; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits

0101 TuTh.....2:00pm- 3:15pm (EGR 3140) Brush, S

PHYS490 History of Modern Physics; Grade Method: REG/AUD; Meets USP Advanced Studies Development of Knowledge requirement; — 3 credits

0101 TuTh.....2:00pm- 3:15pm (EGR 3140) Brush, S

PHYS499A (PermReq) Special Problems in Physics: Individual Problems with Laboratory; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

PHYS499B (PermReq) Special Problems in Physics: Individual Problems; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

PHYS499C Special Problems in Physics: Physics of Music; Grade Method: REG/P-F/AUD; — 3 credits

0101 TuTh.....2:00pm- 3:15pm (PHY 1412) Brill, D

PHYS499J Special Problems in Physics: Computer Solutions to Real World Physics Problems; Grade Method: REG/P-F/AUD; — 3 credits

0101 MWF.....11:00am-11:50am (PHY 4208) Macdonald, W

PHYS601 Theoretical Dynamics; Grade Method: REG/AUD; Advanced special students require department authorization. — 3 credits

0101 MWF.....1:00pm- 1:50pm (PHY 1402) Griffin, J

PHYS603 Methods of Statistical Physics; Grade Method: REG/AUD; — 3 credits

0101 TuTh.....8:30am- 9:45am (PHY 1304) Dorfman, J

PHYS604 Methods of Mathematical Physics; Grade Method: REG/AUD; Advanced special students require department authorization. — 3 credits

0101 MWF.....10:00am-10:50am (PHY 4208) Oneda, S

RHYS606 Electrodynamics; Grade Method: REG/AUD; Advanced special students require department authorization. — 4 credits

0101 TuTh.....10:00am-11:50am (PHY 4220) Drake Jr., J

PHYS621 (PermReq) Graduate Laboratory; Grade Method: REG/AUD; All labs will extend 1 hour beyond those listed below. Advanced special students require department authorization. — 3 credits

0101 M.....1:00pm- 6:00pm (PHY 3333) LAB Paik, H
0102 Th.....12:00pm- 5:00pm (PHY 3333) LAB Berley, D

PHYS622 Introduction to Quantum Mechanics I; Grade Method: REG/AUD; Advanced special students require department authorization. — 4 credits

0101 MF.....12:00pm-12:50pm (PHY 0405) Wang, C
W.....11:00am-12:50pm (PHY 0405)

PHYS623 Introduction to Quantum Mechanics II; Grade Method: REG/AUD; Advanced special students require department authorization. — 3 credits

0101 MWF.....10:00am-10:50am (PHY 4220) Woo, C

PHYS625 Non-relativistic Quantum Mechanics; Grade Method: REG/AUD; Advanced special students require department authorization. — 3 credits

0101 MWF.....11:00am-11:50am (PHY 4220) Korenman, V

PHYS709 Seminar in General Physics: Statistical Physics Seminar; Grade Method: REG/AUD; Advanced special students require department authorization. — 1 credit

0101 Tu.....12:00pm-12:50pm (IPT 1115) Sengers, J

PHYS711 Symmetry Problems in Physics; Grade Method: REG/AUD; Advanced special students require department authorization. — 3 credits

0101 MWF.....9:00am- 9:50am (PHY 4102) Gates Jr., S

PHYS718 Seminar in General Physics: Atomic Physics and Quantum Electronics; Grade Method: REG/AUD; Advanced special students require department authorization. — 1 credit

0101 F.....1:30pm- 2:50pm (PHY 1304) Alley, C

PHYS719 Seminar in General Physics: Accelerator Theory and Dynamical Systems; Grade Method: REG/AUD; Advanced special students require departmnt authorization. — 1 credit

0101 W.....4:00pm- 5:50pm (PHY 1402) Gluckstern, R

PHYS723 Molecular Physics I; Grade Method: REG/AUD; — 2 credits

0101 MWF.....3:00pm- 3:50pm (PHY 0405) McIlrath, T

PHYS738 Seminar in Experimental Solid State Physics: Quantum Mechanical Many-Body Problems; Grade Method: REG/AUD; Advanced special students require department authorization. — 1 credit

0101 Th.....3:00pm- 3:50pm (PHY 1402) Anderson, J

PHYS739 Seminar in Theoretical Solid State Physics: Quantum Mechanical Many-Body Problems; Grade Method: REG/AUD; Advanced special students require department authorization. — 1 credit

0101 Th.....3:00pm- 3:50pm (PHY 1402) Anderson, J

PHYS748 Seminar in Experimental Nuclear Physics; Grade Method: REG/AUD; Advanced special students require department authorization. — 1 credit

0101 M.....3:00pm- 4:30pm (PHY 1304) Roos, P

PHYS749 Seminar in Theoretical Nuclear Physics; Grade Method: REG/AUD; Advanced special students require department authorization. — 1 credit

0101 W.....4:00pm- 4:50pm (PHY 4220) Griffin, J

PHYS752 Elementary Particle Physics II: Theory; Grade Method: REG/AUD; Advanced special students require department authorization. — 3 credits

0101 TuTh.....2:30pm- 3:45pm (PHY 0405) Pati, J

PHYS758 Seminar in Elementary Particles and Quantum Field Theory: High Energy Physics; Grade Method: REG/AUD; Advanced special students require department authorization, — 1 credit

0101 W.....4:00pm- 6:00pm (PHY 1304) Talaga, R

PHYS759 Seminar in Elementary Particles and Quantum Field Theory; Grade Method: REG/AUD; Advanced special students require department authorization. — 1 credit

0101 M.....3:30pm- 4:50pm (PHY 4102) Mohapatra, R

PHYS762 Plasma Physics II; Grade Method: REG/AUD; Advanced special students require department authorization. — 3 credits

0101 MWF.....9:00am- 9:50am (PHY 1402) Antonsen Jr., T

PHYS769 Seminar in Plasma Physics: Plasma Radiation; Grade Method: REG/AUD; Advanced special students require department authorization. — 1 credit

0101 M.....1:30pm- 2:20pm (Arranged) Hassam, A

PHYS778 Seminar in Space and Cosmic Ray Physics; Grade Method: REG/AUD; Advanced special students require department authorization. — 1 credit

0101 M.....4:30pm- 5:45pm (CSS 1113) Hamilton, D

PHYS779 Seminar in General Relativity; Grade Method: REG/AUD; Advanced special students require department authorization. — 1 credit

0101 W.....2:00pm- 3:50pm (PHY 1304) Hu, B

PHYS798 Special Problems in Advanced Physics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHYS798A Special Problems in Advanced Physics: Phase Transitions and Renormalization Groups; Grade Method: REG/AUD; — 3 credits

0101 TuTh.....9:30am-10:45am (PHY 1221) Fisher, M
TuTh.....9:30am-10:45am (PHY 1219)

PHYS799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHYS808 Special Topics in General Physics; Grade Method: REG/AUD; — 3 credits

0101 MWF.....1:00pm- 1:50pm (PHY 0405) Redish, E

PHYS809 Special Topics in General Physics: Search for New Particles with Colliders and Tests of Theories Beyond the Standard Model; Grade Method: REG/AUD; Prerequisites: PHYS 751 and PHYS 624. Taught by Dr. George A. Snow, Distinguished Scholar Teacher. — 3 credits

0101 MWF.....10:00am-10:50am (PHY 1304) Snow, G

PHYS832 Theory of Solids I; Grade Method: REG/AUD; Advanced special students require department authorization. — 3 credits

0101 MW.....2:00pm- 3:15pm (PHY 1219) Kirkpatrick, T

PHYS838A Special Topics in Experimental Solid State Physics: Methods of Surface Physics; Grade Method: REG/AUD; — 2 credits

0101 F.....4:00pm- 6:00pm (PHY 1304) Park, R

PHYS838B Special Topics in Experimental Solid State Physics: Ray and Neutron Diffraction; Grade Method: REG/AUD; — 3 credits

0101 TuTh.....1:00pm- 2:15pm (PHY 0405) Lynn, J

PHYS839A Special Topics in Theoretical Solid State Physics: Theory of Superconductivity; Grade Method: REG/AUD; — 2 credits

0101 M.....4:00pm- 5:50pm (PHY 0405) Ferrell, R

PHYS843 Advanced Nuclear Physics: Theory II; Grade Method: REG/AUD; — 3 credits

0101 MWF.....11:00am-11:50am (PHY 1221) Cohen, T

PHYS851 Advanced Quantum Field Theory; Grade Method: REG/AUD; — 3 credits

0101 MWF.....12:00pm-12:50pm (PHY 1219) Greenberg, O

PHYS858 Special Topics in Elementary Particles and Quantum Field Theory: Bound States in Relativistic Quantum Theory; Grade Method: REG/AUD; — 3 credits

0101 TuTh.....1:00pm- 2:15pm (PHY 4102) Sucher, J

PHYS888 Special Topics in Applied Physics: Instrumental Techniques for Experimental Physics Research; Grade Method: REG/AUD; Advanced special students require department authorization. — 2 credits

0101 TuTh.....12:00pm-12:50pm (PHY 1221) Giganti, J

PHYS899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

Physics Colloquium meets TU 4-5.30 in PHY 1410 and PHY 1412. Physics Journal Club meets Th 4-5.30 in PHY 1410.

PORT Portuguese (Arts and Humanities)

PORT101 Elementary Portuguese; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 4 credits

0101 MTuWF.....11:00am-11:50am (COL 3114) STAFF

PORT102 Elementary Portuguese; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; — 4 credits

0101 MTuWF.....1:00pm- 1:50pm (JMZ 1120) STAFF

PORT203 Intermediate Portuguese; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Formerly PORT 104. — 4 credits

0101 MTuWF.....10:00am-10:50am (JMZ 1211) Gordo, M

PORT205 Intermediate Conversation; Grade Method: REG/P-F/AUD; — 3 credits

0101 MWF.....11:00am-11:50am (JMZ 1125) Igel, R

PORT221 Introduction to Brazilian Literature; Grade Method: REG/P-F/AUD; — 3 credits

0101 MWF.....10:00am-10:50am (JMZ 2215F) Igel, R

PORT399 (PermReq) Independent Study in Portuguese; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PORT478 Themes and Movements of Luso-Brazilian Literature in Translation; Grade Method: REG/P-F/AUD; — 3 credits

0101 MWF.....1:00pm- 1:50pm (JMZ 1125) Igel, R

PSYC Psychology (Behavior & Social Sci)

PSYC100 Introduction to Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Discussion sections do not meet until after first lecture. — 3 credits

0110 MW.....10:00am-10:50am (ZOP 1240) McIntire, R
W.....11:00am-11:50am (ZOP 1228) DIS
0111 MW.....10:00am-10:50am (ZOP 1240) McIntire, R
W.....12:00pm-12:50pm (ZOP 1228) DIS
0112 MW.....10:00am-10:50am (ZOP 1240) McIntire, R
W.....1:00pm- 1:50pm (ZOP 1228) DIS

0113 MW.....10:00am-10:50am (ZOP 1240) McIntire, R
W.....2:00pm- 2:50pm (ZOP 1228) DIS
0114 MW.....10:00am-10:50am (ZOP 1240) McIntire, R
W.....3:00pm- 3:50pm (ZOP 1228) DIS
0115 MW.....10:00am-10:50am (ZOP 1240) McIntire, R
W.....4:00pm- 4:50pm (ZOP 1228) DIS
0116 MW.....10:00am-10:50am (ZOP 1240) McIntire, R
Th.....8:00am- 8:50am (ZOP 1228) DIS
0117 MW.....10:00am-10:50am (ZOP 1240) McIntire, R
Th.....9:00am- 9:50am (ZOP 1228) DIS
0118 MW.....10:00am-10:50am (ZOP 1240) McIntire, R
Th.....10:00am-10:50am (ZOP 1228) DIS
0119 MW.....10:00am-10:50am (ZOP 1240) McIntire, R
Th.....11:00am-11:50am (ZOP 1228) DIS
0120 MW.....10:00am-10:50am (ZOP 1240) McIntire, R
Th.....12:00pm-12:50pm (ZOP 1228) DIS
0121 MW.....10:00am-10:50am (ZOP 1240) McIntire, R
Th.....1:00pm- 1:50pm (ZOP 1228) DIS
0122 MW.....10:00am-10:50am (ZOP 1240) McIntire, R
F.....8:00am- 8:50am (ZOP 1228) DIS
0123 MW.....10:00am-10:50am (ZOP 1240) McIntire, R
F.....9:00am- 9:50am (ZOP 1228) DIS
0220 MW.....12:00pm-12:50pm (ZOP 1240) STAFF
W.....1:00pm- 1:50pm (ZOP 1232) DIS
0221 MW.....12:00pm-12:50pm (ZOP 1240) STAFF
W.....2:00pm- 2:50pm (ZOP 1232) DIS
0222 MW.....12:00pm-12:50pm (ZOP 1240) STAFF
W.....3:00pm- 3:50pm (ZOP 1232) DIS
0223 MW.....12:00pm-12:50pm (ZOP 1240) STAFF
W.....4:00pm- 4:50pm (ZOP 1232) DIS
0224 MW.....12:00pm-12:50pm (ZOP 1240) STAFF
Th.....8:00am- 8:50am (ZOP 1232) DIS
0225 MW.....12:00pm-12:50pm (ZOP 1240) STAFF
Th.....9:00am- 9:50am (ZOP 1232) DIS
0226 MW.....12:00pm-12:50pm (ZOP 1240) STAFF
Th.....12:00pm-12:50pm (ZOP 1232) DIS
0227 MW.....12:00pm-12:50pm (ZOP 1240) STAFF
Th.....1:00pm- 1:50pm (ZOP 1232) DIS
0228 MW.....12:00pm-12:50pm (ZOP 1240) STAFF
Th.....2:00pm- 2:50pm (ZOP 1232) DIS
0229 MW.....12:00pm-12:50pm (ZOP 1240) STAFF
Th.....3:00pm- 3:50pm (ZOP 1232) DIS
0230 MW.....12:00pm-12:50pm (ZOP 1240) STAFF
Th.....4:00pm- 4:50pm (ZOP 1232) DIS
0231 MW.....12:00pm-12:50pm (ZOP 1240) STAFF
F.....8:00am- 8:50am (ZOP 1232) DIS
0232 MW.....12:00pm-12:50pm (ZOP 1240) STAFF
F.....9:00am- 9:50am (ZOP 1232) DIS
0233 MW.....12:00pm-12:50pm (ZOP 1240) STAFF
F.....10:00am-10:50am (ZOP 1232) DIS

PSYC100H (PermReq) Introduction to Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Permission may be obtained in the General Honors Office (0110 Hornbake) or in ZOP 1141. — 3 credits

0101 TuTh.....2:00pm- 3:15pm (ZOP 1234) Steinman, R

PSYC200 (PermReq) Statistical Methods in Psychology; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100 and MATH 111 or 140 or 220. Permission must be obtained in ZOP 1141. — 3 credits

0101 MWF.....9:00am- 9:50am (ZOP 1236) Anderson, N
0201 TuTh.....9:30am-10:45am (ZOP 1238) Martin, J
0301 TuTh.....11:00am-12:15pm (ZOP 1238) Larkin, W
0401 TuTh.....12:30pm- 1:45pm (ZOP 1238) Horton, D
0501 TuTh.....2:00pm- 3:15pm (ZOP 1238) STAFF

PSYC221 Social Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Prerequisite: PSYC 100. — 3 credits

0110 MW.....1:00pm- 1:50pm (ZOP 1240) Stangor, C
W.....2:00pm- 2:50pm (ZOP 1124) DIS
0111 MW.....1:00pm- 1:50pm (ZOP 1240) Stangor, C
W.....3:00pm- 3:50pm (ZOP 1124) DIS
0112 MW.....1:00pm- 1:50pm (ZOP 1240) Stangor, C
Th.....12:00pm-12:50pm (ZOP 1124) DIS
0113 MW.....1:00pm- 1:50pm (ZOP 1240) Stangor, C
Th.....1:00pm- 1:50pm (ZOP 1124) DIS
0114 MW.....1:00pm- 1:50pm (ZOP 1240) Stangor, C
Th.....2:00pm- 2:50pm (ZOP 1124) DIS
0115 MW.....1:00pm- 1:50pm (ZOP 1240) Stangor, C
F.....10:00am-10:50am (ZOP 1124) DIS
0116 MW.....1:00pm- 1:50pm (ZOP 1240) Stangor, C
F.....11:00am-11:50am (ZOP 1124) DIS
0117 MW.....1:00pm- 1:50pm (ZOP 1240) Stangor, C
F.....12:00pm-12:50pm (ZOP 1124) DIS
0118 MW.....1:00pm- 1:50pm (ZOP 1240) Stangor, C
F.....1:00pm- 1:50pm (ZOP 1124) DIS
0119 MW.....1:00pm- 1:50pm (ZOP 1240) Stangor, C
F.....2:00pm- 2:50pm (ZOP 1124) DIS

PSYC235 Psychology of Adjustment; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Student may not receive credit for both PSYC 235 and 335. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (ZOP 1250) STAFF

PSYC301 Biological Basis of Behavior; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: PSYC 100. — 3 credits
0101 MWF.....1:00pm- 1:50pm (ZOP 1250) STAFF

PSYC309C Special Topics in Psychology: Biological Bases for Mental Illness; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100. — 3 credits
0101 TuTh.....9:30am-10:45am (ZOP 1124) Coursey, R

PSYC310 Perception; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Prerequisite: PSYC 100. — 3 credits
0101 TuTh.....9:30am-10:45am (ZOP 1243) Steinman, R

PSYC330 Child Psychopathology; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....12:00pm-12:50pm (ZOP 1243) STAFF

PSYC334 Psychology of Interpersonal Relationships; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 1250) Brown, R

PSYC336 Psychology of Women; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ZOP 1243) Helms, J

PSYC355 Child Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Students who have earned credit for PSYC 433 or 333 cannot also earn credit for PSYC 355. Prerequisite: PSYC 100. — 3 credits
0101 MWF.....2:00pm- 2:50pm (ZOP 1243) Plude, D
0201 TuTh.....11:00am-12:15pm (ZOP 1250) Scholnick, E

PSYC356 Psychology of Adolescence; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....3:30pm- 4:45pm (ZOP 1243) Hall, W

PSYC361 Survey of Industrial and Organizational Psychology; Grade Method: REG/P-F/AUD; Students who have earned credit for PSYC 461 cannot also earn credit for PSYC 361. Prerequisite: PSYC 100. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ZOP 2283) Hanges, P

PSYC400 (PermReq) Experimental Psychology: Learning and Motivation; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 200 or a course in statistics from an approved departmental list; and completion of the departmentally required English, math and science supporting course sequence. Permission may be obtained in ZOP 1141. Department approval required after first week of classes. Waitlist is discontinued after first week of classes. — 4 credits
0101 MW.....10:00am-10:50am (ZOP 1243) STAFF
MTuThF....11:00am-11:50am (ZOP 4102) LAB
0102 MW.....10:00am-10:50am (ZOP 1243) STAFF
MTuThF....12:00pm-12:50pm (ZOP 4102) LAB
0103 MW.....10:00am-10:50am (ZOP 1243) STAFF
MTuThF.....1:00pm- 1:50pm (ZOP 4102) LAB
0104 MW.....10:00am-10:50am (ZOP 1243) STAFF
MTuThF.....2:00pm- 2:50pm (ZOP 4102) LAB
0105 MW.....10:00am-10:50am (ZOP 1243) STAFF
MTuThF.....3:00pm- 3:50pm (ZOP 4102) LAB
0106 MW.....10:00am-10:50am (ZOP 1243) STAFF
MTuThF.....9:00am- 9:50am (ZOP 4102) LAB

PSYC403 Animal Behavior; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....9:30am-10:45am (ZOP 1236) Dooling, R

PSYC410 (PermReq) Experimental Psychology: Sensory Processes I; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 100 and completion of the departmentally required English, math and science supporting course sequence. A student who has completed PSYC 310 must have permission of the instructor to register for PSYC 410. All others must obtain permission in ZOP 1141. Department approval required after first week of classes. Waitlist is discontinued after first week of classes. — 4 credits
0101 TuTh.....9:30am-10:45am (ZOP 2283) Sternheim, C
Th.....1:00pm- 3:00pm (ZOP 0124) LAB
0102 TuTh.....9:30am-10:45am (ZOP 2283) Sternheim, C
F.....10:00am-12:00pm (ZOP 0124) LAB

PSYC420 (PermReq) Experimental Psychology: Social Processes I; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 200 or a statistics course from an approved departmental list, PSYC 221, completion of the departmentally required English, math and science supporting course sequence. Permission may be obtained in ZOP 1141. Department approval is required after first week of classes. Waitlist is discontinued after the first week of classes. — 4 credits
0101 M.....2:00pm- 4:00pm (ZOP 0147) Sigall, H
TuTh.....1:00pm- 3:00pm (ZOP 0147) LAB
0102 M.....2:00pm- 4:00pm (ZOP 0147) Sigall, H
TuTh.....3:00pm- 5:00pm (ZOP 0147) LAB
0103 M.....2:00pm- 4:00pm (ZOP 0147) Sigall, H
WF.....1:00pm- 3:00pm (ZOP 0147) LAB
0104 M.....2:00pm- 4:00pm (ZOP 0147) Sigall, H
WF.....3:00pm- 5:00pm (ZOP 0147) LAB
0201 TuTh.....2:00pm- 3:15pm (ZOP 2283) Kruglanski, A
TuTh.....9:00am-11:00am (ZOP 0147) LAB
0202 TuTh.....2:00pm- 3:15pm (ZOP 2283) Kruglanski, A
TuTh.....11:00am- 1:00pm (ZOP 0147) LAB
0203 TuTh.....2:00pm- 3:15pm (ZOP 2283) Kruglanski, A
WF.....9:00am-11:00am (ZOP 0147) LAB
0204 TuTh.....2:00pm- 3:15pm (ZOP 2283) Kruglanski, A
WF.....11:00am- 1:00pm (ZOP 0147) LAB

PSYC424 Communication and Persuasion; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 221 or equivalent. — 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 2283) Mills Jr, J

PSYC435 Personality Theories; Grade Method: REG/P-F/AUD; A student may not receive credit for both PSYC 335 and 435. Prerequisite: PSYC 100. — 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 1236) STAFF

PSYC440 (PermReq) Experimental Psychology: Cognitive Processes; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 200 or a statistics course from an approved departmental list, and completion of the departmentally required English, math and science supporting course sequence. Permission may be obtained in ZOP 1141. Department approval required after first week of classes. Waitlist is discontinued after the first week of classes. — 4 credits
0101 MW.....9:00am- 9:50am (ZOP 2283) Plude, D
M.....1:00pm- 5:00pm (ZOP 0124) LAB
0102 MW.....9:00am- 9:50am (ZOP 2283) Plude, D
Tu.....1:00pm- 5:00pm (ZOP 0124) LAB

PSYC444 Cognitive Structure in Perception; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 1243) Martin, J

PSYC463 Psychology of Motivation and Attitudes in Organizational Settings; Grade Method: REG/P-F/AUD; — 3 credits
0101 M.....4:00pm- 6:40pm (ZOP 1236) Gessner, M

PSYC464 Psychology of Leaders in Work Organizations; Grade Method: REG/P-F/AUD; Prerequisite: PSYC 361 or equivalent. — 3 credits
0101 Tu.....4:00pm- 6:40pm (ZOP 1236) Klein, K

PSYC468H (PermReq) Field Experience and Special Assignments in Honors; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission may be obtained in ZOP 1141. — 1-3 credits

PSYC469H (PermReq) Honors Thesis Proposal Preparation; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Permission may be obtained in ZOP 1141. — 1-3 credits

PSYC478 (PermReq) Independent Study in Psychology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Information about independent study may be obtained in ZOP 1141. — 1-3 credits

PSYC479 (PermReq) Special Research Problems in Psychology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Information about research credit may be obtained in ZOP 1141. — 1-3 credits

PSYC498H Advanced Psychology II (Honors); Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 1228) Dooling, R

PSYC499H (PermReq) Honors Thesis Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of the thesis advisor. Permission may be obtained in ZOP 1141. — 3 credits

Note: For all non-psychology graduate students, written permission of the instructor is required for all 600 courses and above.

PSYC602 Quantitative Methods; Grade Method: REG/AUD; — 3 credits
0101 TuTh.....10:00am-12:00pm (ZOP 1232) Norman, K

PSYC611 Advanced Developmental Psychology; Grade Method: REG/AUD; PSYC majors only. — 3 credits
0101 Th.....3:00pm- 5:30pm (ZOP 1103) Scholnick, E
Time and room to be arranged LAB

PSYC640 Fundamentals of Social Psychology; Grade Method: REG/AUD; Psyc majors only. — 3 credits
0101 Tu.....3:00pm- 5:40pm (ZOP 3132) Sigall, H

PSYC651 Sensory and Perceptual Processes; Grade Method: REG/AUD; — 3 credits
0101 W.....9:30am-12:10pm (ZOP 0124) Sternheim, C

PSYC661 Experimental Analysis of Behavior; Grade Method: REG/AUD; PSYC majors only. — 3 credits
0101 F.....10:00am-12:40pm (ZOP 1103) Gollub, L

PSYC671 Advanced Topics in Human Learning; Grade Method: REG/AUD; PSYC majors only. — 3 credits
0101 M.....2:00pm- 4:40pm (ZOP 1103) Anderson, N

PSYC678 Seminar in Psycholinguistics; Grade Method: REG/AUD; — 3 credits
0101 W.....3:00pm- 5:40pm (ZOP 2283) Hall, W

PSYC688 Historical Viewpoints and Current Theories in Psychology; Grade Method: REG/AUD; Taught by Dr. William Hodos, Distinguished Scholar Teacher. — 3 credits
0101 W.....3:00pm- 5:40pm (ZOP 1103) Hodos, W

PSYC708 Seminar in Psychometric Theory: Seminar in Psychometric Psychology; Grade Method: REG/AUD; — 3 credits
0101 Tu.....12:00pm- 3:00pm (ZOP 1103) Ogrady, K

PSYC718 Research Issues in Clinical, Counseling, and Community Psychology; Grade Method: REG/AUD; — 3 credits
0101 M.....9:00am-12:00pm (ZOP 1112) Helms, J
0201 F.....9:00am-12:00pm (ZOP 1112) Lorion, R

PSYC719 Seminar in Clinical, Counseling, and Community Psychology; Grade Method: REG/AUD; PSYC majors only. — 3 credits
0101 Time and room to be arranged Dies, R

PSYC723 Seminar and Laboratory in Behavioral Assessment II; Grade Method: REG/AUD; This course must be taken concurrently with PSYC 724. PSYC majors only. — 2 credits
0101 M.....9:00am- 1:00pm (Arranged) DIS Dies, R
W.....9:00am-11:00am (Arranged) DIS

PSYC724 Seminar and Laboratory in Behavioral Assessment II; Grade Method: REG/AUD; This course must be taken concurrently with PSYC 723. PSYC majors only. — 2 credits
0101 M.....9:00am- 1:00pm (Arranged) Trickett, E

PSYC727 Introductory Counseling Practicum; Grade Method: REG/AUD; — 3 credits
0101 Tu.....1:00pm- 3:00pm (ZOP 1112) Gelso, C
Time and room to be arranged DIS

PSYC728 Introductory Didactic-Practicum in Psychological Intervention; Grade Method: REG/AUD; PSYC majors only. — 3 credits
0101 Tu.....9:00am- 1:00pm (ZOP 1112) Brown, R
0201 W.....1:00pm- 4:00pm ( ) Coursey, R
0301 Time and room to be arranged Tyler, F

PSYC729 Advanced Didactic-Practicum in Psychological Intervention; Grade Method: REG/AUD; PSYC majors only. — 3 credits
0101 M.....5:00pm- 9:00pm (ZOP 2109) Hill, C
Time and room to be arranged LAB
0201 W.....12:00pm- 3:00pm (ZOP 1103) Trickett, E

PSYC731 Training Procedures and Evaluation in Organizational Settings; Grade Method: REG/AUD; — 3 credits
0101 Tu.....3:00pm- 5:40pm (ZOP 1103) Goldstein, I

PSYC738 Seminar in Industrial Psychology; Grade Method: REG/AUD; — 3 credits
0101 Th.....12:30pm- 3:10pm (Arranged) Locke, E
0201 M.....4:00pm- 6:40pm (ZOP 1112) Schneider, B
0301 Tu.....9:30am-12:00pm (ZOP 1103) Klein, K

PSYC742 Group Behavior; Grade Method: REG/AUD; — 3 credits
0101 M.....9:30am-12:10pm (ZOP 3132) Stangor, C

PSYC748 Seminar in Social Psychology; Grade Method: REG/AUD; PSYC majors only. — 3 credits
0101 W.....4:00pm- 6:40pm (ZOP 3132) Kruglanski, A

PSYC749 Current Research in Social Psychology; Grade Method: REG/AUD; PSYC majors only. — 1-3 credits
0101 M.....4:00pm- 6:40pm (ZOP 3132) Mills Jr, J

PSYC759 Seminar in Auditory Mechanisms; Grade Method: REG/AUD; — 3 credits
0101 Th.....3:00pm- 5:40pm (ZOP 1112) Penner, M

PSYC768 Conditioning and Learning; Grade Method: REG/AUD; — 3 credits
0101 Tu.....3:00pm- 5:40pm (Arranged) Gollub, L

PSYC778 Seminar in Learning and Memory; Grade Method: REG/AUD; — 3 credits
0101 W.....9:00am-12:00pm (ZOP 1103) Horton, D

PSYC789 Special Research Problems; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

PSYC799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. For all non-PSYC graduate students, permission of instructor and department is required. — 1-6 credits

PSYC819 Seminar in Personality and Development; Grade Method: REG/AUD; — 3 credits
0101 Tu.....3:00pm- 5:00pm (ZOP 1124) Torney-Purta, J
Time and room to be arranged DIS

PSYC889 Research Methods in Psychology; Grade Method: REG/AUD; PSYC majors only. — 1-3 credits
0101 M.....9:00am-11:00am (ZOP 1103) Hanges, P
Time and room to be arranged DIS
0201 W.....3:00pm- 5:00pm (ZOP 2109) Norman, K
Time and room to be arranged DIS

PSYC898 (PermReq) Graduate Seminar; Grade Method: REG/AUD; Taught by Dr. William Hodos, Distinguished Scholar Teacher. — 2 credits
0101 M.....3:00pm- 5:40pm (ZOP 1124) Hodos, W
0201 Th.....3:00pm- 5:40pm (ZOP 1124) Campbell, C

PSYC899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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PUAF Public Affairs (Public Affairs)

PUAF600 Introduction to Financial Management; Grade Method: REG/AUD; Majors only. Others must obtain department permission. — 3 credits
0101 M.....4:00pm- 6:40pm (LEF 1201) Fettus, S

PUAF611 Quantitative Analysis of Policy Issues; Grade Method: REG/AUD; Majors only. Others must obtain department permission. — 3 credits
0101 TuTh.....9:00am-10:15am (TAA 1122) Cohen, M

PUAF620 Political Analysis; Grade Method: REG/AUD; Majors only. Others must obtain department permission. — 3 credits
0201 W.....4:00pm- 6:30pm (LEF 1208) Hedman, S

PUAF640 Microeconomic Theory and Policy Analysis; Grade Method: REG/AUD; Majors only. Others must obtain department permission. — 3 credits
0201 M.....4:00pm- 6:30pm (LEF 1221) Levy, F

PUAF641 Macroeconomic Theory and Policy Analysis; Grade Method: REG/AUD; Majors only. Others must obtain department permission. — 3 credits
0101 W.....7:00pm- 9:30pm (LEF 1208) Marquez, J

PUAF650 Normative Analysis; Grade Method: REG/AUD; Majors only. Others must obtain department permission. — 3 credits
0101 MW.....9:00am-10:15am (LEF 1208) Brown, P

PUAF670 Finance; Grade Method: REG/AUD; Majors only. Others must obtain department permission. — 3 credits
0101 MW.....10:30am-11:45am (ASY 3219) Slater, S

PUAF698K Selected Topics in Public Affairs: Black Development: Seminar in Public Policy Analysis; Grade Method: REG/AUD; Majors only. Others must obtain department permission. — 3 credits
0101 Th.....4:00pm- 6:40pm (LEF 1208) Carson, E

PUAF698M (PermReq) Selected Topics in Public Affairs: American Foreign Policy Making Process; Grade Method: REG/AUD; Ford Fellows or by permission. — 3 credits
0101 TuTh.....10:45am-12:15pm (LEF 1208) Destler, I

PUAF698N Selected Topics in Public Affairs: Economics of Defense; Grade Method: REG/AUD; Majors only. Others must obtain department permission. — 3 credits
0101 Tu.....3:30pm- 6:10pm (LEF 1208) Olson, M

PUAF698R Selected Topics in Public Affairs: Technology and Arms Control; Grade Method: REG/AUD; Majors only. Others must obtain department permission. — 3 credits
0101 W.....4:00pm- 6:30pm (LEF 2208) Fetter, S

PUAF698S Selected Topics in Public Affairs: History and Future of Liberalism; Competitive Health Care and the Environment; Grade Method: REG/AUD; — 3 credits
0101 W.....4:00pm- 6:30pm (LEF 1222) Brown, P

PUAF698T Selected Topics in Public Affairs: Environmental Public Policy; Grade Method: REG/AUD; — 3 credits
0101 MW.....11:00am-12:15pm (LEF 1208) Hedman, S

PUAF703 Labor Market and Regional Economic Policy; Grade Method: REG/AUD; Majors only. Others must obtain department permission. — 3 credits
0101 Tu.....1:00pm- 3:30pm (LEF 1208) Houseman, S

PUAF704 Productivity and Innovation; Grade Method: REG/AUD; Majors only. Others must obtain department permission. — 3 credits
0101 M.....4:00pm- 6:30pm (LEF 1208) Baily, M

PUAF711 Management Strategies in Public Organizations; Grade Method: REG/AUD; Majors only. Others must obtain department permission. — 3 credits
0101 Th.....4:00pm- 6:30pm (LEF 1221) Nacht, M

PUAF714 Advanced Financial Management; Grade Method: REG; Majors only. Others must obtain department permission. — 3 credits
0101 Tu.....4:00pm- 6:30pm (LEF 1221) Rhyne, B

PUAF716 State and Local Government Budgeting; Grade Method: REG/AUD; Majors only. Others must obtain department permission. — 3 credits
0101 Th.....7:00pm- 9:30pm (LEF 1222) Rogers, J

PUAF721 Security Policy Agenda II; Grade Method: REG/AUD; Majors only. Others must obtain department permission. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (WDS 1127) Cronin, K

PUAF724 Defense Policy Analysis: Quantitative Techniques; Grade Method: REG/AUD; Majors only. Others must obtain department permission. — 3 credits
0101 Th.....1:30pm- 3:45pm (LEF 1208) Fetter, S
Time and room to be arranged DIS

PUAF754 Operations Research Methods for Policy Analysts; Grade Method: REG/AUD; Majors only. Others must obtain department permission. — 3 credits
0101 TuTh.....9:00am-10:15am (TAA 1122) Cohen, M
TuTh.....10:30am-11:45am (TAA 1122) LAB

PUAF790 Project Course; Grade Method: REG/AUD; Majors only. Others must obtain department permission. — 3 credits
0101 F.....9:00am-11:30am (LEF 2123) Destler, I
0201 F.....9:00am-11:30am (LEF 1210) Kelleher, C
0301 F.....9:00am-11:30am (LEF 1208) Levy, F

PUAF798B Readings in Public Policy; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Majors only. Others must obtain department permission. — 1-3 credits

PUAF798R (PermReq) Readings in Public Policy: Advanced Topics in Statistics and Operations Research for Business and Public Policy; Grade Method: REG/AUD; — 3 credits
0101 M.....3:30pm- 6:10pm (TYD 1140) Cohen, M

RECR Recreation (Phys Ed, Recr, & Health)

RECR130 Recreation and Leisure; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; All recreation majors enrolled in RECR 130 MUST enroll for RECR 489R at the same time. — 3 credits
0101 TuTh.....9:30am-10:45am (PRH 1301) Iso-Ahola, S

RECR150 Camp Counseling; Grade Method: REG/P-F/AUD; Meets second eight weeks of term only. Schedule Adjustment Period is 3/27 - 3/31. — 2 credits
0101 Meets 03/27/89 - 05/15/89 Moses, D
MW.....1:00pm- 1:50pm (PRH 0307)
F.....1:00pm- 3:00pm (PRH 0307) LAB

RECR200 (PermReq) Sophomore Seminar; Grade Method: S-F; Limited to recreation majors only. — 1 credit
0101 Th.....12:30pm- 1:45pm (PRH 0303) Harper, S

RECR270 Leisure Services and Special Populations; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (PRH 0305) Swisher, A

RECR300 (PermReq) Senior Seminar; Grade Method: REG; Limited to recreation majors. — 1 credit
0101 Tu.....4:15pm- 5:30pm (PRH 0307) DIS Annand, V

RECR335 Recreation and Leisure; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 0220) Verhoven Jr., P

RECR341 (PermReq) Field Work II; Grade Method: REG; Limited to recreation majors. Prerequisite: RECR 300. — 8 credits

0101 Tu.....5:30pm- 7:00pm (PRH 0307) LAB Annand, V
Time and room to be arranged LAB

RECR350 Recreational Use of Natural Areas; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (PRH 1302) Kuss, F

RECR351 Nature Interpretation; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (PRH 0307) Fedler, A

RECR376 Case Study Laboratory; Grade Method: REG/P-F/AUD; Prerequisite or corequisite: RECR 375. 1 credit
0101 W.....3:00pm- 4:00pm (PRH 0307) LAB Annand, V

RECR386 (PermReq) Field Work; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Advisor approval required before registration. This course meets twice during the semester. Contact the department for meeting dates and times on first day of semester. 1-3 credits

RECR387 (PermReq) Field Work Analysis; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Advisor approval required before registration. This course meets twice during the semester. Contact the department for meeting dates and times on first day of semester. 1-3 credits

RECR410 Measurement and Evaluation in Recreation; Grade Method: REG/P-F/AUD; At least 56 credits earned. Prerequisite RECR 130 or 325 or consent of instructor. 3 credits
0101 M.....4:15pm- 6:45pm (PRH 0301) Kauffman, R

RECR420 Program Planning and Analysis; Grade Method: REG/P-F/AUD; Prerequisite: RECR 130 or 325; RECR 220 recommended. 3 credits
0101 TuTh.....8:00am- 9:15am (PRH 0301) Strobell, A

RECR426 Industrial Employee Recreation; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (PRH 0303) Ward, V

RECR432 Philosophy of Recreation; Grade Method: REG/P-F/AUD; Limited to recreation majors only. At least 56 credits earned. 3 credits
0101 MWF.....9:00am- 9:50am (PRH 0307) Churchill, J

RECR450 Camp Management; Grade Method: REG/P-F/AUD; Prerequisite: RECR 150 or experience. 3 credits
0101 W.....4:15pm- 6:45pm (PRH 0307) Verhoven Jr., P

RECR454 Outdoor Education; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (PRH 0307) Kauffman, R

RECR457 Concepts and Issues in Outdoor Recreation; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....4:15pm- 6:45pm (PRH 0305) Kuss, F

RECR463 Supervisory Techniques in Recreation; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....4:15pm- 6:45pm (PRH 1301) Strobell, A

RECR475 Problems in Therapeutic Recreation; Grade Method: REG/P-F/AUD; Prerequisite: RECR 375. 3 credits
0101 W.....4:15pm- 6:45pm (PRH 0305) Annand, V

RECR489 (PermReq) Field Laboratory Projects and Workshop; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Advisor approval required before registration. 1-6 credits

RECR489R (PermReq) Field Laboratory Projects and Workshop: Orientation to Leisure Services; Grade Method: REG; Limited to recreation majors. Must enroll for RECR 130 at the same time. 1 credit
0101 W.....3:00pm- 3:50pm (PRH 0301) Churchill, J

RECR490 Organization and Administration of Recreation; Grade Method: REG/P-F/AUD; At least 56 credits earned. 3 credits
0101 MWF.....11:00am-11:50am (PRH 0305) Churchill, J

RECR498C Special Topics in Recreation: Sign Language and Recreation for the Deaf; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....4:15pm- 6:45pm (PRH 0303) Oliva, G

RECR498X Special Topics in Recreation: Legal Liability in Leisure Services; Grade Method: REG/P-F/AUD; 3 credits
0101 M.....4:15pm- 6:45pm (PRH 0303) Kozlowski, J

RECR613 Source Material Survey; Grade Method: REG/AUD; 3 credits
0101 W.....4:15pm- 6:45pm (PRH 0301) Humphrey, F

RECR633 Foundations of Recreation; Grade Method: REG/AUD; Required for all entering graduate students. 3 credits
0101 Th.....7:00pm-10:00pm (PRH 0307) Ward, V

RECR634 (PermReq) Modern Trends in Recreation; Grade Method: REG/AUD; RECR 633 must be taken prior to enrollment. 3 credits
0101 Th.....7:00pm-10:00pm (PRH 1302) STAFF

RECR687 (PermReq) Advanced Seminar; Grade Method: REG; Prerequisite: consent of instructor. 1-3 credits
0101 Th.....7:00pm-10:00pm (PRH 0305) Kuss, F

RECR688 (PermReq) Special Problems in Recreation; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Graduate students only. Must have consent of instructor prior to registration. 1-6 credits

RECR688Q Special Problems in Recreation: Advanced Social Psychology of Leisure; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:15pm- 6:45pm (PRH 0301) Iso-Ahola, S

RECR799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

RECR899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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RTVF Radio Television and Film (Arts and Humanities)

RTVF124 Mass Communication in 20th Century Society; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....9:00am- 9:50am (TWS 2154) Parks, S

RTVF222 Introduction to Radio, Television, and Film; Grade Method: REG/AUD; 3 credits
0101 MW.....1:00pm- 1:50pm (ARC 0204) Pecora, N
M.....8:00am- 9:50am (TWS 0135) LAB
0102 MW.....1:00pm- 1:50pm (ARC 0204) Pecora, N
W.....8:00am- 9:50am (TWS 0135) LAB
0103 MW.....1:00pm- 1:50pm (ARC 0204) Pecora, N
F.....8:00am- 9:50am (TWS 0135) LAB
0104 MW.....1:00pm- 1:50pm (ARC 0204) Pecora, N
Tu.....1:00pm- 2:50pm (TWS 0135) LAB
0105 MW.....1:00pm- 1:50pm (ARC 0204) Pecora, N
Th.....1:00pm- 2:50pm (TWS 0135) LAB
0106 MW.....1:00pm- 1:50pm (ARC 0204) Pecora, N
M.....2:00pm- 3:50pm (TWS 0135) LAB
0107 MW.....1:00pm- 1:50pm (ARC 0204) Pecora, N
W.....2:00pm- 3:50pm (TWS 0135) LAB
0108 MW.....1:00pm- 1:50pm (ARC 0204) Pecora, N
F.....2:00pm- 3:50pm (TWS 0135) LAB
0109 MW.....1:00pm- 1:50pm (ARC 0204) Pecora, N
Tu.....9:00am-10:50am (TWS 0135) LAB
0110 MW.....1:00pm- 1:50pm (ARC 0204) Pecora, N
Th.....9:00am-10:50am (TWS 0135) LAB
0111 MW.....1:00pm- 1:50pm (ARC 0204) Pecora, N
Tu.....11:00am-12:50pm (TWS 0135) LAB
0112 MW.....1:00pm- 1:50pm (ARC 0204) Pecora, N
Th.....11:00am-12:50pm (TWS 0135) LAB
0113 MW.....1:00pm- 1:50pm (ARC 0204) Pecora, N
Th.....3:00pm- 4:50pm (TWS 0135) LAB

RTVF 222 and RTVF 223 (grades of 'C' or better) are prerequisites prior to enrollment in upper level broadcasting courses. RTVF 222 And RTVF 314 (grades of 'C' or better) are prerequisites prior to enrollment in all additional upper level film courses. Non-majors are required to obtain instructor's consent prior to enrollment in any upper level RTVF course. All students are limited to one production course per semester unless permission is obtained prior to registration.

RTVF223 The Television Program: Planning and Management; Grade Method: REG/P-F/AUD; Prerequisite RTVF 222 or equivalent. 3 credits
0101 TuTh.....9:30am-10:45am (TWS 2154) STAFF
Tu.....11:00am-12:15pm (TWS 0138) LAB
0102 TuTh.....9:30am-10:45am (TWS 2154) STAFF
Th.....11:00am-12:15pm (TWS 0138) LAB
0103 TuTh.....9:30am-10:45am (TWS 2154) STAFF
Tu.....12:30pm- 1:45pm (TWS 0131) LAB
0104 TuTh.....9:30am-10:45am (TWS 2154) STAFF
Th.....12:30pm- 1:45pm (TWS 0131) LAB
0105 TuTh.....9:30am-10:45am (TWS 2154) STAFF
Tu.....2:00pm- 3:15pm (TWS 0131) LAB
0106 TuTh.....9:30am-10:45am (TWS 2154) STAFF
Th.....2:00pm- 3:15pm (TWS 0131) LAB
0107 TuTh.....9:30am-10:45am (TWS 2154) STAFF
Tu.....3:30pm- 4:45pm (TWS 0135) LAB

RTVF302 (PermReq) Beginning Sound Production; Grade Method: REG/P-F/AUD; For majors only. 3 credits
0101 Th.....2:00pm- 3:15pm (TWS 0147) Bourgeois, H
TuTh.....9:30am-10:45am (TWS 0131) LAB
0102 Th.....2:00pm- 3:15pm (TWS 0147) Bourgeois, H
TuTh.....11:00am-12:15pm (TWS 0131) LAB

RTVF314 Introduction to the Film; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 314 required for all additional upper level film courses. Prerequisite: RTVF 222 or equivalent 3 credits
0101 Tu.....2:00pm- 4:45pm (TWS 2154) STAFF
Th.....2:00pm- 3:15pm (TWS 2154)
0201 M.....10:00am-12:50pm (TWS 2154) Marchetti, G
W.....10:00am-11:50am (TWS 2154)

RTVF317 (PermReq) Radio and Television Continuity Writing; Grade Method: REG/P-F/AUD; For majors only. 3 credits
0101 MWF.....2:00pm- 2:50pm (TWS 0138) Nevin, H
0201 MWF.....1:00pm- 1:50pm (TWS 0138) Nevin, H
0301 TuTh.....9:30am-10:45am (TWS 0147) Shyles, L

RTVF340 (PermReq) Principles of Television Production Techniques; Grade Method: REG/P-F/AUD; Majors only. 3 credits
0101 M.....1:00pm- 1:50pm (TWS 2154) Daso, D
MW.....9:00am-10:50am (TWS 0117) LAB
0102 M.....1:00pm- 1:50pm (TWS 2154) Daso, D
MW.....11:00am-12:50pm (TWS 0117) LAB
0103 M.....1:00pm- 1:50pm (TWS 2154) Daso, D
TuTh.....9:00am-10:50am (TWS 0117) LAB
0104 M.....1:00pm- 1:50pm (TWS 2154) Daso, D
TuTh.....11:00am-12:50pm (TWS 0117) LAB
0105 M.....1:00pm- 1:50pm (TWS 2154) Daso, D
MW.....2:00pm- 3:50pm (TWS 0117) LAB

RTVF347 (PermReq) Broadcast Processes and Effects; Grade Method: REG/AUD; 3 credits
0101 MWF.....10:00am-10:50am (TWS 0147) STAFF

RTVF351 (PermReq) Television Programming; Grade Method: REG/P-F/AUD; For majors only. 3 credits
0101 TuTh.....12:30pm- 1:45pm (EDU 1121) Blum, R

RTVF384 (PermReq) Field Work Experience; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Applications must be approved prior to registration. Grading satisfactory/fail only. Majors only. 1-3 credits

RTVF385 (PermReq) Field Work Analysis; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Applications must be approved prior to registration. Must be taken with RTVF 384. Majors only. 1-3 credits

RTVF402 (PermReq) Advanced Sound Production; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....4:00pm- 7:00pm (TWS 0131) Tavares, F

RTVF413 (PermReq) The History of the Film; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 5:30pm (TWS 0147) Gomery, J

RTVF417 (PermReq) Dramatic Writing For Broadcasting and Film; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (TWS 0138) Blum, R

RTVF419F (PermReq) Film Genres: Film Genres Women in Film; Grade Method: REG/P-F/AUD; 3 credits
0101 WF.....12:00pm- 2:00pm (TWS 2154) Marchetti, G

RTVF420 (PermReq) The Documentary Film; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (TWS 0147) Weiss, G

RTVF425 (PermReq) Television and Politics; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (TWS 0138) Shyles, L

RTVF447 (PermReq) Quantitative Methods of Broadcast Research; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (TWS 0147) Pecora, N

RTVF449 (PermReq) Television Workshop; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Variable credit 1-3, repeatable to a maximum of 6 credits. Majors only. 1-3 credits

RTVF449E (PermReq) Television Workshop: Electronic Editing; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (TWS 0147) Daso, D

RTVF450 (PermReq) Radio and Television Station Management; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (TWS 0138) Kirkley Jr, D

RTVF451 (PermReq) Broadcast Criticism; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (TWS 0138) Kirkley Jr, D

RTVF453 (PermReq) Broadcast Regulation; Grade Method: REG/P-F/AUD; For majors only. 3 credits
0101 M.....4:00pm- 6:40pm (TWS 0147) Patrick, W

RTVF498A (PermReq) Seminar; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Warrants must be approved prior to registration. Majors only. 3 credits

RTVF498I (PermReq) Seminar: Advanced Writing for Television and Film; Grade Method: REG/P-F/AUD; 3 credits
0101 Th.....4:00pm- 6:40pm (TWS 0138) Blum, R

RTVF498S (PermReq) Seminar: Information Society: Myths and Realities; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 3:50pm (TWS 1204) Brown, D

RTVF498X (PermReq) Seminar: Corporate Television; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (TWS 0154) Aylward, T

RTVF601 (PermReq) Visual Communication; Grade Method: REG/AUD; 3 credits
0101 Th.....4:00pm- 6:45pm (TWS 0154) Aylward, T

RTVF629K (PermReq) Special Problems in Film; Grade Method: REG/AUD; 3 credits
0101 W.....2:00pm- 6:00pm (TWS 0147) Kolker, R

RTVF648C (PermReq) Seminar in Broadcasting: International Communications Policies; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:45pm (TWS 0154) Brown, D

RTVF648I (PermReq) Seminar in Broadcasting: Advanced Writing for Television and Film; Grade Method: REG/AUD; 3 credits
0101 Th.....4:00pm- 6:40pm (TWS 0138) Blum, R

RTVF648M (PermReq) Seminar in Broadcasting; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:45pm (TWS 1202) STAFF

RTVF649C Special Problems in Broadcasting: Media Economics; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:30pm- 9:30pm (TWS 0154) Gomery, J

RTVF649D (PermReq) Special Problems in Broadcasting: Current Issues in Documentary; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:30pm (TWS 0154) Weiss, G

RTVF662 (PermReq) Seminar in Political Broadcasting; Grade Method: REG/AUD; 3 credits
0101 M.....4:00pm- 6:40pm (TWS 0138) Shyles, L

RTVF699 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Warrants must be approved prior to registration. Majors only. 1-3 credits

RTVF799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

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RUSS Russian (Arts and Humanities)

RUSS102 Elementary Russian II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 5 credits
0101 MF.....9:00am- 9:50am (JMZ 2206) STAFF
W.....10:00am-10:50am (TWS 1202)
TuTh.....9:30am-10:45am (JMZ 3205) LAB
0102 MF.....10:00am-10:50am (TWS 1202) Garza, G
W.....10:00am-10:50am (TWS 1202)
TuTh.....11:00am-12:15pm (JMZ 0103) LAB
0201 MF.....12:00pm-12:50pm (JMZ 1120) Garza, G
W.....12:00pm-12:50pm (JMZ 1120)
TuTh.....11:00am-12:15pm (JMZ 0120) LAB
0202 MW.....1:00pm- 1:50pm (JMZ 1103) Garza, G
W.....12:00pm-12:50pm (JMZ 1120)
TuTh.....12:30pm- 1:45pm (JMZ 0208) LAB

RUSS202 Intermediate Russian II; Grade Method: REG/P-F/AUD; 4 credits
0101 MWF.....10:00am-10:50am (JMZ 3203) STAFF
TuTh.....10:00am-10:50am (JMZ 0204)
0201 MWF.....11:00am-11:50am (JMZ 2206) STAFF
TuTh.....11:00am-11:50am (JMZ 2123)

RUSS210 Structural Description of Russian; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 2102) Merrill, P

RUSS281 Russian Language and Pre-Revolutionary Culture; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 2117) Berry, T

RUSS302 Advanced Russian Grammar and Composition II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 1125) Hitchcock, D

RUSS322 Survey of Russian Literature II; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 3207) Berry, T

RUSS381 Russian Civilization (in Russian) I; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 1109) Hitchcock, D

RUSS402 Practicum in Written Russian; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 1109) Hitchcock, D

RUSS404 Practicum in Spoken Russian; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 2122) STAFF

RUSS405 Russian-English Translation; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 3207) Brecht, R

RUSS409C Selected Topics in Russian Language Study: Business Russian; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 3207) Berry, T

RUSS412 Linguistic Analysis of Russian II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 2102) Merrill, P

RUSS434 Soviet Russian Literature; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 2125) STAFF

SLAV Slavic (Arts and Humanities)

SLAV479B Selected Topics in Slavic Linguistics: Seminar on Russian Linguistics; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....3:00pm- 3:50pm (JMZ 2102) Schallert, W

SLAV499 Directed Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

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SOCY Sociology (Behavior & Social Sci)

SOCY100 Introduction to Sociology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Serves as a prerequisite for other sociology courses. Sections 1101 and 1201 are taught through film and fiction. 3 credits
0101 MWF.....9:00am- 9:50am (ASY 1213) Queen, S
0201 MWF.....10:00am-10:50am (ASY 3203) Adler, M
0301 MWF.....11:00am-11:50am (ASY 2309) Canjar, R
0401 MWF.....12:00pm-12:50pm (COL 3110) Queen, S
0501 MWF.....1:00pm- 1:50pm (ASY 3207) Adler, M
0601 TuTh.....12:30pm- 1:45pm (ASY 3203) Lengermann, J
0701 TuTh.....8:00am- 9:15am (ARC 0204) Zablotsky, D
0801 TuTh.....12:30pm- 1:45pm (ASY 3207) Vecchia, J
0901 TuTh.....3:30pm- 4:45pm (ASY 2309) Hunt, L
1001 TuTh.....9:30am-10:45am (ASY 3203) Hirzel, R
1101 MWF.....9:00am- 9:50am (COL 3109) Formichella, C
1201 TuTh.....12:30pm- 1:45pm (COL 3109) Berg, E

SOCY105 Introduction to Contemporary Social Problems; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Serves as prerequisite for other SOCY courses. 3 credits
0101 MWF.....9:00am- 9:50am (ASY 3203) Brayfield, A
0201 MWF.....11:00am-11:50am (ASY 3207) Sokolovsky, J
0301 MWF.....2:00pm- 2:50pm (ASY 3203) Sokolovsky, J
0401 TuTh.....9:30am-10:45am (ASY 3207) Pease, J
0501 TuTh.....12:30pm- 1:45pm (ASY 2203) Finsterbusch, K

SOCY201 Introductory Statistics For Sociology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: MATH 110 or STAT 100 or equivalent. 4 credits
0101 TuTh.....11:00am-12:15pm (ASY 2309) Neustadtl, A
M.....8:00am-10:00am (ASY 3217) DIS
0102 TuTh.....11:00am-12:15pm (ASY 2309) Neustadtl, A
M.....10:00am-12:00pm (ASY 3217) DIS
0103 TuTh.....11:00am-12:15pm (ASY 2309) Neustadtl, A
M.....12:00pm- 2:00pm (ASY 3217) DIS
0104 TuTh.....11:00am-12:15pm (ASY 2309) Neustadtl, A
M.....2:00pm- 4:00pm (ASY 3217) DIS
0105 TuTh.....11:00am-12:15pm (ASY 2309) Neustadtl, A
M.....4:00pm- 6:00pm (ASY 3217) DIS
0201 TuTh.....2:00pm- 3:15pm (ASY 2309) Teachman, J
W.....8:00am-10:00am (ASY 3217) DIS
0202 TuTh.....2:00pm- 3:15pm (ASY 2309) Teachman, J
W.....10:00am-12:00pm (ASY 3217) DIS
0203 TuTh.....2:00pm- 3:15pm (ASY 2309) Teachman, J
W.....12:00pm- 2:00pm (ASY 3217) DIS
0204 TuTh.....2:00pm- 3:15pm (ASY 2309) Teachman, J
W.....2:00pm- 4:00pm (ASY 3217) DIS
0205 TuTh.....2:00pm- 3:15pm (ASY 2309) Teachman, J
W.....4:00pm- 6:00pm (ASY 3217) DIS

SOCY202 Introduction to Research Methods in 4 credits

Sociology; Grade Method: REG/P-F/AUD; Prerequisite: SOCY 201.
0101 TuTh.....2:00pm- 3:15pm (ASY 3207) Henkel, R
F.....10:00am-12:00pm (ASY 3217) DIS
0102 TuTh.....2:00pm- 3:15pm (ASY 3207) Henkel, R
F.....12:00pm- 2:00pm (ASY 3217) DIS
0103 TuTh.....2:00pm- 3:15pm (ASY 3207) Henkel, R
F.....2:00pm- 4:00pm (ASY 3207) DIS

SOCY203 Sociological Theory; Grade Method: REG/P-F/AUD; Required for all SOCY majors. 3 credits
0101 TuTh.....3:30pm- 4:45pm (ARC 1103) Berg, E

SOCY230 Sociological Social Psychology; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; No prerequisites. 3 credits
0101 TuTh.....12:30pm- 1:45pm (COL 3112) Hamilton, L
0201 MWF.....11:00am-11:50am (ASY 3203) Burns, T
0301 TuTh.....2:00pm- 3:15pm (COL 3112) Hamilton, L
0401 TuTh.....11:00am-12:15pm (ASY 3203) Carson-Stanley,

SOCY300 American Society; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; Fulfills upper level area B General University Requirement. Junior standing required; no other prerequisites. 3 credits
0101 MWF.....1:00pm- 1:50pm (ASY 3203) Vanneman, R
0201 TuTh.....11:00am-12:15pm (ASY 3207) Hunt, L

SOCY305 Scarcity and Modern Society; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....3:30pm- 4:45pm (ASY 3203) Finsterbusch, K

SOCY325 Sex Roles; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....9:00am- 9:50am (ASY 3207) Hunt, J
0201 TuTh.....12:30pm- 1:45pm (ASY 1213) McIntyre, J
0301 TuTh.....9:30am-10:45am (COL 3110) Runcie, J
0401 TuTh.....11:00am-12:15pm (COL 3110) Runcie, J

SOCY327 Introduction to the Study of Deviance; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; No credit for students who have completed SOCY 427. Area B upper level GUR credit. 3 credits
0101 MWF.....10:00am-10:50am (ASY 3207) Baxter, S
0201 MWF.....12:00pm-12:50pm (ASY 3207) Baxter, S

SOCY331 Work, Bureaucracy, and Industry; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....9:30am-10:45am (ARC 1101) Lengermann, J

SOCY333 Technology and Society; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MW.....3:00pm- 3:50pm (ASY 1213) Hage, J
M.....4:00pm- 4:50pm (ASY 3221) DIS
0102 MW.....3:00pm- 3:50pm (ASY 1213) Hage, J
M.....5:00pm- 5:50pm (ASY 3221) DIS
0103 MW.....3:00pm- 3:50pm (ASY 1213) Hage, J
W.....2:00pm- 2:50pm (ASY 3221) DIS
0104 MW.....3:00pm- 3:50pm (ASY 1213) Hage, J
W.....4:00pm- 4:50pm (ASY 3221) DIS
0105 MW.....3:00pm- 3:50pm (ASY 1213) Hage, J
W.....5:00pm- 5:50pm (ASY 3221) DIS

SOCY343 Sociology of Marriage and Family; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (ASY 1213) Hunt, J
0201 MWF.....10:00am-10:50am (ASY 1213) Kammeyer, K
0301 TuTh.....2:00pm- 3:15pm (ASY 3203) Kahn, J

SOCY386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. To register, students must have departmental permission form signed by instructor and by Coordinator of Sociology Undergrad Program. SOCY 386 and 387 must be taken together. 1-3 credits

SOCY387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. To register, student must have departmental permission form signed by instructor and by Coordinator of Sociology Undergrad Program. Must be taken in conjunction with SOCY 386. 1-3 credits

SOCY398C Special Topics in Sociology: Introduction to Computers for Social Scientists; Grade Method: REG/P-F/AUD; 1 credit
0101 W.....3:00pm- 4:40pm (ASY 1116) Wagner, M

SOCY399 (PermReq) Independent Study in Sociology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: 12 hours sociology including at least one of the following - SOCY 201, 202, or 203. No more than 6 hours of 399 is allowed for credit. 1-6 credits

SOCY411 Population II; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 3221) Kahn, J

SOCY425 Sex Roles and Social Institutions; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (ASY 3221) McIntyre, J

SOCY427 Deviant Behavior; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (ASY 2203) Brown, R

SOCY430 Sociology of Personality; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (ASY 3207) Dager, E

SOCY441 Social Stratification and Inequality; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (ASY 3221) Pease, J

SOCY443 The Family and Society; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (ASY 3221) Kammeyer, K

SOCY470 Rural-Urban Relations; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 3217) Henkel, R

SOCY473 The City; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (ASY 3217) Hirzel, R

SOCY474 Soviet Ethnic Issues; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....3:00pm- 5:40pm (ASY 3215) Robinson, J

SOCY498M Selected Topics in Sociology: Middle Class Experience in American Society; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARC 1103) Landry, L

SOCY498N Selected Topics in Sociology: Sociology of Nuclear War; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Analysis of Human Problems requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (ASY 3221) Canjar, R

SOCY498P Selected Topics in Sociology: Public Opinion and Polling; Grade Method: REG/P-F/AUD; 3 credits
0101 Tu.....3:30pm- 6:10pm (ASY 3219) Robinson, J

SOCY602 Intermediate Procedures of Data Analysis; Grade Method: REG/AUD; 3 credits
0101 Tu.....1:00pm- 3:30pm (ASY 1117) Meeker, B

SOCY607 Research Methods: Data Archives; Grade Method: REG/AUD; 3 credits
0101 M.....3:30pm- 6:10pm (ASY 1117) Vanneman, R

SOCY618 Computer Methods For Sociologists; Grade Method: REG/AUD; 3 credits
0101 W.....1:00pm- 3:30pm (ASY 1117) Henkel, R

SOCY621 Contemporary Sociological Theory; Grade Method: REG/AUD; 3 credits
0101 W.....3:30pm- 6:10pm (ASY 1117) Brown, R

SOCY634 Attitudes and Public Opinion; Grade Method: REG/AUD; 3 credits
0101 Tu.....3:30pm- 6:10pm (ASY 1117) Presser, S

SOCY644 Work and the Family; Grade Method: REG/AUD; 3 credits
0101 Th.....3:30pm- 6:10pm (ASY 1117) Presser, H

SOCY647 Interpersonal Behavior and Small Groups; Grade Method: REG/AUD; 3 credits
0101 M.....3:30pm- 6:10pm (ASY 3211) Meeker, B

SOCY661 Social Stratification; Grade Method: REG/AUD; 3 credits
0101 Tu.....6:30pm- 9:10pm (ASY 1117) Landry, L

SOCY699 Special Social Problems; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

SOCY699C Special Social Problems: Introduction to Computer for Social Science Majors; Grade Method: REG/AUD; 1 credit
0101 W.....3:00pm- 4:40pm (ASY 3211) Wagner, M

SOCY701 Issues in the Integration of Theory and Method; Grade Method: REG/AUD; 3 credits
0101 M.....6:30pm- 9:10pm (ASY 1117) Hage, J

SOCY709 Advanced Special Topics in Data Analysis: Events History Analysis; Grade Method: REG/AUD; 3 credits
0101 Th.....6:30pm- 9:10pm (ASY 1117) Teachman, J

SOCY799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

SOCY829 Research Seminar in Sociological Theory; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Ritzer, G

SOCY839 Research Seminar in Organizations and Occupations; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Hage, J

SOCY849 Research Seminar in Demography; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Presser, H

SOCY858 Research Seminar in Sex Roles; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Hunt, J

SOCY859 Research Seminar in Sociology of the Family; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Kammeyer, K

SOCY869 Research Seminar in Military Sociology; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Segal, D

SOCY889 Research Seminar in Social Stratification; Grade Method: REG/AUD; 1 credit
0101 Time and room to be arranged Landry, L

SOCY899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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SPAN Spanish (Arts and Humanities)

Electronic laboratory for SPAN 101, 102, 102H, 103, 203, 203H will be scheduled after classes start.

SPAN101 Elementary Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course chair: staff. Recommended for students without previous experience or not more than one year of high school Spanish. Students must present their high school transcript on the first day of class to assure proper placement. Exceptions must be approved in advance by the departmental advisor, JMZ 2202. 4 credits
0101 MTuWF.....8:00am- 8:50am (JMZ 1224) STAFF
0201 MTuWF.....9:00am- 9:50am (JMZ 1224) STAFF
0301 MTuWF.....10:00am-10:50am (JMZ 1226) STAFF
0401 MTuWF.....10:00am-10:50am (JMZ 1224) STAFF
0501 MTuWF.....11:00am-11:50am (JMZ 1224) STAFF
0601 MWF.....11:00am-11:50am (JMZ 2207) STAFF
Tu.....11:00am-11:50am (JMZ 1226)
0701 MWF.....12:00pm-12:50pm (JMZ 1226) STAFF
Tu.....12:00pm-12:50pm (JMZ 1117)
0801 MTuWF.....12:00pm-12:50pm (JMZ 1224) STAFF
0901 MTuWF.....1:00pm- 1:50pm (JMZ 1226) STAFF
1001 MTuWF.....2:00pm- 2:50pm (JMZ 1224) STAFF
1101 TuTh.....4:00pm- 6:00pm (JMZ 1224) STAFF
1201 TuTh.....7:00pm- 9:00pm (JMZ 1215) STAFF

SPAN102 Elementary Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course chair: staff. Recommended for students who completed 101 at UMCP or its equivalent at another institution. Students must present college and/or high school transcripts on the first day of class to assure proper placement. Exceptions must be approved in advance by the departmental advisor, JMZ 2211. 4 credits
0101 MWThF.....8:00am- 8:50am (JMZ 0208) STAFF
0201 MWThF.....9:00am- 9:50am (JMZ 0208) STAFF
0301 MWThF.....10:00am-10:50am (JMZ 0208) STAFF
0501 MWF.....11:00am-11:50am (JMZ 0208) STAFF
Th.....11:00am-11:50am (JMZ 0204)
0601 MWF.....12:00pm-12:50pm (JMZ 0208) STAFF
Th.....12:00pm-12:50pm (JMZ 1224)
0701 MWF.....1:00pm- 1:50pm (JMZ 0208) STAFF
Th.....1:00pm- 1:50pm (JMZ 1120)
0801 MWThF.....2:00pm- 2:50pm (JMZ 0208) STAFF
1001 TuTh.....4:00pm- 6:00pm (JMZ 1122) STAFF
1101 MW.....4:00pm- 6:00pm (JMZ 0208) STAFF
1201 MW.....7:00pm- 9:00pm (JMZ 1103) STAFF

SPAN102H Elementary Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Recommended for students who meet the requirements for 102 with grades of A or B or who are eligible for a general or departmental honors program. See description of SPAN 102. Exceptions must be approved in advance by the departmental advisor, JMZ 2211. 4 credits
0101 MWThF.....9:00am- 9:50am (JMZ 0208) STAFF

SPAN103 Review of Elementary Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course chair: staff. Recommended for students who have completed not more than two years of high school Spanish or the first semester of college Spanish at another institution. Limited exceptions may be granted for students with weak preparation or several years' lapse since the study in high school. Students must present high school and/or college transcripts on the first day of class to assure proper placement. Exceptions must be approved in advance by the departmental advisor, JMZ 2211. 4 credits
0101 MWThF.....9:00am- 9:50am (JMZ 1117) STAFF
0201 Th.....10:00am-10:50am (JMZ 1117) STAFF
MWF.....10:00am-10:50am (JMZ 2207)
0301 MWF.....11:00am-11:50am (HZF 1108) STAFF
Th.....11:00am-11:50am (JMZ 1226)
0401 MWThF.....12:00pm-12:50pm (JMZ 1117) STAFF
0601 MWThF.....1:00pm- 1:50pm (JMZ 1117) STAFF
0701 MWF.....2:00pm- 2:50pm (JMZ 1120) STAFF
Th.....2:00pm- 2:50pm (JMZ 1224)
0901 MW.....4:00pm- 6:00pm (JMZ 1226) STAFF

SPAN203 Intermediate Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course chair: staff. Recommended for students who completed SPAN 102, 102H, or 103 at UMCP or the equivalent at another instuitution or 3-4 years of high school Spanish. Students must present their high school and/or college transcripts on the first day of class in order to assure proper placement. Exceptions must be approved in advance by the departmental advisor, JMZ 2211. 4 credits
0101 MWF.....8:00am- 8:50am (JMZ 1215) STAFF
Tu.....8:00am- 8:50am (JMZ 1215)
0301 MWF.....9:00am- 9:50am (JMZ 2207) STAFF
Tu.....9:00am- 9:50am (JMZ 1117)
0401 MTuWF.....10:00am-10:50am (JMZ 1117) STAFF
0501 MWF.....10:00am-10:50am (JMZ 2102) STAFF
Tu.....10:00am-10:50am (JMZ 0118)
0601 MWF.....11:00am-11:50am (JMZ 1215) STAFF
Tu.....11:00am-11:50am (JMZ 0122)
0701 MTuWF.....11:00am-11:50am (JMZ 1117) STAFF
0801 MWF.....12:00pm-12:50pm (JMZ 1215) STAFF
Tu.....12:00pm-12:50pm (JMZ 1120)
0901 MWF.....12:00pm-12:50pm (JMZ 1103) STAFF
Tu.....12:00pm-12:50pm (JMZ 1226)
1001 MWF.....1:00pm- 1:50pm (JMZ 1215) STAFF
Tu.....1:00pm- 1:50pm (JMZ 1117)
1101 MTuWF.....1:00pm- 1:50pm (JMZ 1224) STAFF
1201 MWF.....2:00pm- 2:50pm (JMZ 1215) STAFF
Tu.....2:00pm- 2:50pm (JMZ 0208)
1301 MW.....4:00pm- 6:00pm (JMZ 1122) STAFF
1401 MW.....7:00pm- 9:00pm (JMZ 2207) STAFF
1501 MWF.....10:00am-10:50am (JMZ 0103) STAFF
Tu.....10:00am-10:50am (JMZ 0125)
1601 TuTh.....2:00pm- 4:00pm (JMZ 1120) STAFF
1701 MTuWF.....3:00pm- 3:50pm (JMZ 1226) STAFF

SPAN203H Intermediate Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Course chair: staff. Recommended for students who meet the requirements for SPAN 203 with grades of A or B or who are eligible for a general or departmental honors program. See description of SPAN 203. Exceptions must be approved in advance by the departmental advisor, JMZ 2211. 4 credits
0101 MTuWF.....10:00am-10:50am (JMZ 1117) STAFF

SPAN204 Review of Oral and Written Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Formerly 201. Follows 203. May be taken with 205 and/or 221. 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 2207) STAFF
0201 TuTh.....11:00am-12:15pm (JMZ 1122) STAFF
0301 TuTh.....12:30pm- 1:45pm (JMZ 1122) STAFF

SPAN205 Intermediate Conversation; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Not open to native speakers. Formerly 202. Course chair - staff. May be taken with 204 and/or 221. 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 1120) STAFF
0201 MWF.....10:00am-10:50am (JMZ 1120) STAFF
0301 MWF.....11:00am-11:50am (JMZ 1120) STAFF

SPAN221 Readings in Spanish; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; May be taken with 204 and/or 205. 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 1120) STAFF
0201 TuTh.....11:00am-12:15pm (JMZ 1215) STAFF

SPAN301 Review Grammar and Composition; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 1103) STAFF
0201 TuTh.....11:00am-12:15pm (JMZ 1104) STAFF

SPAN302 Review Grammar and Composition; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....8:00am- 9:15am (JMZ 0120) STAFF
0201 TuTh.....9:30am-10:45am (JMZ 0120) STAFF

SPAN311 Advanced Conversation I; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; (Not open to native speakers.) Course chair - staff. 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 2102) STAFF
0201 MWF.....10:00am-10:50am (JMZ 1103) STAFF

SPAN312 Advanced Conversation II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; Not open to native speakers. Course chair - staff. 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 1215) STAFF

SPAN315 Commercial Spanish; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 1215) STAFF

SPAN317 Practicum in Translation II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 0120) STAFF

SPAN318D Translation of Technical Texts: Diplomatic Relations; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 1215) STAFF

SPAN322 Survey of Spanish Literature: 18th-20th Century; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 2120) Naharro, J

SPAN324 Survey of Spanish-American Literature; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 2207) Nemes, G

SPAN326 Spanish Civilization II; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....3:00pm- 4:15pm (JMZ 3203) Naharro, J

SPAN347 Latin American Civilization II; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 1103) Sanjines, J

SPAN386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SPAN387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SPAN399 (PermReq) Independent Study in Spanish; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Previous permission by the instructor is required for enrollment in this course. 1-3 credits

SPAN402 Advanced Composition; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (JMZ 1103) STAFF

SPAN408 Great Themes of the Hispanic Literatures: Obras Maestras de la Edad Media; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 1104) Benito-Vessels,

SPAN409 Great Themes of the Hispanic Literatures: Machismo; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (JMZ 2102) Nemes, G

SPAN418 Hispanic Literature in Translation: Cervantes's Don Quixote; Grade Method: REG/P-F/AUD; The class will be conducted in English. All readings are in English. No Spanish requirements except Spanish majors who enroll. Spanish majors will have some outside readings in Spanish. 3 credits
0101 MWF.....10:00am-10:50am (JRN 1103) Zappala, M

SPAN421 Prose of the 16th Century; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 1104) Zappala, M

SPAN448 Special Topics in Latin American Civilization: Andean People from the 16th to 19th Century; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....2:00pm- 3:15pm (JMZ 1103) STAFF

SPAN466 The Contemporary Spanish Novel; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....4:30pm- 5:45pm (JMZ 1104) Naharro, J

SPAN489 Spanish-American Fiction: Claves del Boom; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 1117) Martinez, T

SPAN496H Honors Seminar; Grade Method: REG/P-F/AUD; Registration limited to Spanish majors. 3 credits
0101 Th.....2:00pm- 4:30pm (HBK 0123) Rabasa, J

SPAN699 (PermReq) Independent Study in Spanish; Grade Method: REG/AUD; Individual Instruction 1-3 credits

course: contact department or instructor to obtain section number.

SPAN729 The Twentieth Century: La Novela Hispanoamericana II; Grade Method: REG/AUD; 3 credits
0101 Th.....4:30pm- 7:00pm (JMZ 1109) Sosnowski, S

SPAN798 Open Seminar: Novela y Cine; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:30pm- 7:00pm (JMZ 1120) Martinez, T

SPAN799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

SPAN809 Colonial Spanish American Literature: Colonial Discourse; Grade Method: REG/AUD; This class will be conducted in English. All readings will be in English. Spanish majors enrolled in the class will have special requirements. 3 credits
0101 W.....4:30pm- 7:00pm (JMZ 1103) Rabasa, J

SPAN898 Open Seminar: Cronistas de los Andes; Grade Method: REG/AUD; 3 credits
0101 M.....4:30pm- 7:00pm (JMZ 2120) Pease, F

SPAN899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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SPCH Speech (Arts and Humanities)

(See also THET and RTVF)

SPCH100 Basic Principles of Speech Communication; Grade Method: REG/P-F/AUD; (Course chairperson - Dean) 3 credits
0101 MW.....2:00pm- 2:50pm (ZOP 1240) STAFF
M.....9:00am- 9:50am (ZOP 1234) DIS
0102 MW.....2:00pm- 2:50pm (ZOP 1240) STAFF
M.....10:00am-10:50am (ZOP 1232) DIS
0103 MW.....2:00pm- 2:50pm (ZOP 1240) STAFF
M.....11:00am-11:50am (ZOP 1234) DIS
0104 MW.....2:00pm- 2:50pm (ZOP 1240) STAFF
M.....1:00pm- 1:50pm (ZOP 1232) DIS
0105 MW.....2:00pm- 2:50pm (ZOP 1240) STAFF
Tu.....10:00am-10:50am (EDU 3233) DIS
0106 MW.....2:00pm- 2:50pm (ZOP 1240) STAFF
Tu.....11:00am-11:50am (HJP 1229) DIS
0107 MW.....2:00pm- 2:50pm (ZOP 1240) STAFF
Tu.....12:00pm-12:50pm (COL 0100) DIS
0108 MW.....2:00pm- 2:50pm (ZOP 1240) STAFF
W.....10:00am-10:50am (ZOP 1228) DIS
0109 MW.....2:00pm- 2:50pm (ZOP 1240) STAFF
W.....11:00am-11:50am (COL 0104) DIS
0110 MW.....2:00pm- 2:50pm (ZOP 1240) STAFF
Th.....10:00am-10:50am (JMZ 0118) DIS
0111 MW.....2:00pm- 2:50pm (ZOP 1240) STAFF
Th.....11:00am-11:50am (HJP 1229) DIS
0112 MW.....2:00pm- 2:50pm (ZOP 1240) STAFF
Th.....11:00am-11:50am (ZOP 1124) DIS
0113 MW.....2:00pm- 2:50pm (ZOP 1240) STAFF
Th.....12:00pm-12:50pm (COL 0100) DIS
0114 MW.....2:00pm- 2:50pm (ZOP 1240) STAFF
Th.....12:00pm-12:50pm (TYD 2140) DIS
0115 MW.....2:00pm- 2:50pm (ZOP 1240) STAFF
F.....11:00am-11:50am (COL 0100) DIS
0201 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
M.....11:00am-11:50am (COL 0100) DIS
0202 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
M.....11:00am-11:50am (ZOP 1228) DIS
0203 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
M.....12:00pm-12:50pm (COL 0100) DIS
0204 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
M.....2:00pm- 2:50pm (JRN 1105) DIS
0205 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
M.....1:00pm- 1:50pm (ZOP 1228) DIS
0206 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
Tu.....12:00pm-12:50pm (ZOP 1124) DIS
0207 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
Tu.....1:00pm- 1:50pm (ZOP 1124) DIS
0208 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
W.....11:00am-11:50am (COL 0100) DIS
0209 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
W.....12:00pm-12:50pm (COL 0100) DIS
0210 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
F.....12:00pm-12:50pm (COL 0100) DIS
0211 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
F.....1:00pm- 1:50pm (TWS 1204) DIS
0212 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
F.....9:00am- 9:50am (ASY 3217) DIS
0213 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
F.....10:00am-10:50am (ASY 3219) DIS
0214 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
Th.....2:00pm- 2:50pm (JMZ 1226) DIS
0215 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
F.....12:00pm-12:50pm (TWS 0131) DIS

SPCH107 Technical Speech Communication; Grade Method: REG/P-F/AUD; (Course chairperson - Wolvin) 3 credits
0101 MWF.....8:00am- 8:50am (TWS 2212) STAFF
0201 MWF.....8:00am- 8:50am (TWS 2230) STAFF
0301 MWF.....9:00am- 9:50am (TWS 2230) STAFF
0401 MWF.....9:00am- 9:50am (TWS 2212) STAFF
0501 MWF.....10:00am-10:50am (TWS 2212) STAFF
0601 MWF.....10:00am-10:50am (TWS 2230) STAFF
0701 MWF.....11:00am-11:50am (TWS 2212) STAFF
0801 MWF.....11:00am-11:50am (TWS 2230) STAFF
0901 MWF.....12:00pm-12:50pm (TWS 2230) STAFF
1001 MWF.....1:00pm- 1:50pm (TWS 0131) STAFF
1101 MWF.....1:00pm- 1:50pm (TWS 2230) STAFF
1201 MWF.....2:00pm- 2:50pm (TWS 2230) STAFF
1301 TuTh.....8:00am- 9:15am (TWS 2228) STAFF
1401 TuTh.....8:00am- 9:15am (TWS 1204) STAFF
1501 TuTh.....9:30am-10:45am (TWS 2228) STAFF
1601 TuTh.....9:30am-10:45am (TWS 1204) STAFF
1701 TuTh.....11:00am-12:15pm (COL 0102) STAFF
1801 TuTh.....12:30pm- 1:45pm (TWS 2212) STAFF
1901 TuTh.....12:30pm- 1:45pm (TWS 2228) STAFF
2001 TuTh.....2:00pm- 3:15pm (TWS 2230) STAFF
2101 MWF.....8:00am- 8:50am (TWS 1202) STAFF
2201 MWF.....9:00am- 9:50am (TWS 1202) STAFF
2301 MWF.....11:00am-11:50am (TWS 2228) STAFF
2401 MWF.....12:00pm-12:50pm (ASY 3219) STAFF
2501 MWF.....1:00pm- 1:50pm (ASY 3219) STAFF
2601 MWF.....2:00pm- 2:50pm (ASY 3215) STAFF
2701 TuTh.....9:30am-10:45am (COL 0102) STAFF
2801 TuTh.....11:00am-12:15pm (COL 0104) STAFF
2901 TuTh.....12:30pm- 1:45pm (COL 0102) STAFF
3001 TuTh.....2:00pm- 3:15pm (COL 0100) STAFF
3101 TuTh.....2:00pm- 3:15pm (COL 0104) STAFF
3201 TuTh.....3:30pm- 4:45pm (TWS 1204) STAFF

SPCH107L (PermReq) Technical Speech Communication; Grade Method: REG/P-F/AUD; Enrollment by permission of Arts and Humanities Dean. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TWS 1204) Napolitano, C

SPCH125 Introduction to Interpersonal Communication; Grade Method: REG/P-F/AUD; (Course chairperson - Edgar) 3 credits
0101 MWF.....9:00am- 9:50am (TWS 1204) STAFF
0201 MWF.....10:00am-10:50am (TWS 1204) STAFF
0301 MWF.....11:00am-11:50am (TWS 1202) STAFF
0401 MWF.....12:00pm-12:50pm (TWS 1202) STAFF
0501 MWF.....1:00pm- 1:50pm (TWS 1202) STAFF
0601 MWF.....2:00pm- 2:50pm (TWS 1202) STAFF
0701 TuTh.....9:30am-10:45am (TWS 1202) STAFF
0801 TuTh.....11:00am-12:15pm (TWS 1202) STAFF
0901 TuTh.....12:30pm- 1:45pm (TWS 1202) STAFF
1001 TuTh.....2:00pm- 3:15pm (TWS 1202) STAFF

SPCH200 (PermReq) Advanced Public Speaking; Grade Method: REG/P-F/AUD; Prerequisite: SPCH 100 or 107. 3 credits
0101 TuTh.....11:00am-12:15pm (TWS 2230) STAFF
0201 TuTh.....12:30pm- 1:45pm (TWS 2230) STAFF
0301 TuTh.....11:00am-12:15pm (EDU 1315) McCaleb, J

SPCH220 Small Group Discussion; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....1:00pm- 1:50pm (TWS 2228) STAFF
0201 MWF.....2:00pm- 2:50pm (TWS 2228) STAFF

SPCH230 Argumentation and Debate; Grade Method: REG; 3 credits
0101 TuTh.....2:00pm- 3:15pm (TWS 1204) STAFF
0201 MW.....2:00pm- 3:15pm (TWS 2212) STAFF
0301 TuTh.....8:00am- 9:15am (TWS 0138) STAFF
0401 TuTh.....11:00am-12:15pm (TWS 2228) STAFF

SPCH350 Foundations of Communication Theory; Grade Method: REG; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (TWS 0147) Freimuth, V

SPCH383 Urban Communication; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....7:00pm- 9:45pm (TWS 0138) Niles, L

SPCH400 (PermReq) Research Methods in Speech Communication; Grade Method: REG/P-F/AUD; Prerequisite: introductory course in statistics or permission of department. SPCH 350 is recommended. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TWS 2212) Edgar, T

SPCH401 (PermReq) Foundations of Rhetoric; Grade Method: REG/P-F/AUD; Prerequisite: SPCH 200. 3 credits
0101 W.....4:00pm- 6:45pm (KEY 0116) Doyle, T

SPCH402 Communication Theory and Process; Grade Method: REG/P-F/AUD; SPCH 350 recommended. 3 credits
0101 MW.....2:00pm- 3:15pm (TWS 0131) Gaines, R

SPCH424 (PermReq) Communication in Complex Organizations; Grade Method: REG/P-F/AUD; Prerequisite: SPCH 400. 3 credits
0101 W.....4:00pm- 6:45pm (TWS 0135) Falcione, R

SPCH451 Renaissance and Modern Rhetorical Theory; Grade Method: REG/P-F/AUD; Prerequisite: SPCH 450. 3 credits
0101 MW.....12:30pm- 1:45pm (TWS 1204) Gaines, R

SPCH470 Theories of Listening; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (TWS 0138) Wolvin, A

SPCH482 (PermReq) Intercultural Communication; Grade Method: REG/P-F/AUD; Prerequisite: SPCH 400. 3 credits
0101 Th.....4:00pm- 6:45pm (TWS 0131) Wolvin, A

SPCH488 (PermReq) Speech Communication Internship; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SPCH489 (PermReq) Topical Research: Speech Communication Workshop; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SPCH498 (PermReq) Seminar; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

SPCH4980 (PermReq) Seminar: Seminar: Organizational Communication; Grade Method: REG/P-F/AUD; Prerequisite: SPCH 424. 3 credits
0101 Th.....7:00pm- 9:45pm (TWS 0135) Falcione, R

SPCH600 (PermReq) Empirical Research in Speech Communication; Grade Method: REG/AUD; 3 credits
0101 Tu.....4:00pm- 6:45pm (TWS 2212) Freimuth, V

SPCH670 Seminar in Listening Behavior; Grade Method: REG/AUD; 3 credits
0101 TuTh.....12:30pm- 1:45pm (TWS 0138) Wolvin, A

SPCH688 (PermReq) Speech Communication Field Experience; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

SPCH698 (PermReq) Special Problems in Speech Communication; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

SPCH730 Seminar in Health Communication; Grade Method: REG/AUD; 3 credits
0101 W.....7:00pm- 9:45pm (TWS 2212) Edgar, T

SPCH760 Seminar in Political Communication; Grade Method: REG/AUD; 3 credits
0101 Tu.....7:00pm- 9:45pm (TWS 2212) Klumpp, J

SPCH798 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SPCH799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

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STAT Statistics and Probability (Comp, Math, & Phys Sci)

STAT100 Elementary Statistics and Probability; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Credit will be given for only one of the two courses STAT 100 and MATH 111. Students who have completed MATH 111 or any MATH or STAT course with a prerequisite of MATH 141 may not obtain credit for STAT 100. 3 credits
0101 MWF.....11:00am-11:50am (MTH 0411) STAFF
0201 MWF.....12:00pm-12:50pm (MTH 0411) STAFF
0301 MWF.....1:00pm- 1:50pm (MTH 0411) STAFF
0401 MWF.....2:00pm- 2:50pm (MTH 0411) STAFF
0501 TuTh.....11:00am-12:15pm (MTH 0411) STAFF
0601 TuTh.....12:30pm- 1:45pm (MTH 0411) STAFF

STAT400 Applied Probability and Statistics I; Grade Method: REG/P-F/AUD; Not open to MATH grad students. Section 0201 is designed for engineering students, stressing applications and techniques from Chemical, Civil and Mechanical Engineering. 3 credits
0101 MWF.....10:00am-10:50am (MTH 0307) Gray, A
0201 MWF.....10:00am-10:50am (MTH 0303) Slud, E
0301 MWF.....11:00am-11:50am (MTH 0304) Syski, R
0401 MWF.....12:00pm-12:50pm (MTH 0103) Pejsachowicz, J
0501 MWF.....2:00pm- 2:50pm (MTH 0302) Wei, C
0601 TuTh.....9:30am-10:45am (MTH 1311) Kleppner, A
0701 TuTh.....11:00am-12:15pm (MTH 1311) STAFF

STAT401 Applied Probability and Statistics II; Grade Method: REG/P-F/AUD; Not open to MATH grad students. 3 credits
0101 TuTh.....9:30am-10:45am (MTH 0104) Lakner, P

STAT410 Introduction to Probability Theory; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (MTH 0302) Mikulski, P

STAT420 Introduction to Statistics; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (MTH 0301) Kagan, A

STAT450 Regression and Variance Analysis; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 1311) Kedem, B

STAT464 Introduction to Biostatistics; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (MTH 0105) Smith, P

STAT498A Selected Topics in Statistics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

STAT601 Probability Theory II; Grade Method: REG/AUD; 3 credits
0101 MWF.....2:00pm- 2:50pm (MTH 0102) Slud, E

STAT611 Stochastic Processes II; Grade Method: REG/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 0411) Freidlin, M

STAT650 Applied Stochastic Processes; Grade Method: REG/AUD; 3 credits
0101 MW.....5:00pm- 6:15pm (MTH 0407) Syski, R

STAT698A Selected Topics in Probability; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

STAT701 Mathematical Statistics II; Grade Method: REG/AUD; 3 credits
0101 TuTh.....5:00pm- 6:15pm (MTH 0201) Mikulski, P

STAT711 Advanced Statistics II; Grade Method: REG/AUD; 3 credits
0101 MWF.....10:00am-10:50am (MTH 0403) Wei, C

STAT750 Multivariate Analysis; Grade Method: REG/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (MTH 0301) Fakre-Zakeri, I

STAT798A Selected Topics in Statistics; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

STAT798D Selected Topics in Statistics: Theory of Estimation; Grade Method: REG/AUD; 3 credits
0401 MWF.....11:00am-11:50am (MTH 0302) Kagan, A

STAT798I (PermReq) Selected Topics in Statistics: Theories of Information; Grade Method: REG/AUD; 1-3 credits
0101 TuTh.....3:30pm- 4:45pm (CHM 2201) Edmundson, H

STAT799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

STAT899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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TEXT Textiles (Human Ecology)

TEXT105 Introduction to Textiles; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (MHH 1400) Wachter, K

TEXT205 Textile Materials and Performance; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (MHH 1400) Block, I
M.....8:00am-10:00am (MHH 2401) LAB
0102 TuTh.....11:00am-12:15pm (MHH 1400) Block, I
M.....10:00am-12:00pm (MHH 2401) LAB
0103 TuTh.....11:00am-12:15pm (MHH 1400) Block, I
Tu.....1:00pm- 3:00pm (MHH 2401) LAB
0104 TuTh.....11:00am-12:15pm (MHH 1400) Block, I
W.....8:00am-10:00am (MHH 2401) LAB
0105 TuTh.....11:00am-12:15pm (MHH 1400) Block, I
W.....10:00am-12:00pm (MHH 2401) LAB
0106 TuTh.....11:00am-12:15pm (MHH 1400) Block, I
Th.....1:00pm- 3:00pm (MHH 2401) LAB
0107 TuTh.....11:00am-12:15pm (MHH 1400) Block, I
F.....10:00am-12:00pm (MHH 2401) LAB

TEXT221 Apparel I; Grade Method: REG/P-F/AUD; Attendance in laboratory is required. Limited to majors. 3 credits
0101 MW.....10:00am-10:50am (MHH 1304) Camacho, J
W.....11:00am- 2:00pm (MHH 2208) LAB
0102 MW.....10:00am-10:50am (MHH 1304) Camacho, J
W.....8:00am-11:00am (MHH 2208) LAB
0103 MW.....10:00am-10:50am (MHH 1304) Camacho, J
Th.....8:00am-11:00am (MHH 2208) LAB

TEXT222 Apparel II; Grade Method: REG/P-F/AUD; Attendance in laboratory is required. 3 credits
0101 MW.....2:00pm- 5:00pm (MHH 2208) LAB Anderson, C

TEXT298A (PermReq) Special Topics: Introduction to Information Technology; Grade Method: REG/AUD; Limited to freshman and sophomores who are majors in textiles and consumer economics. 3 credits
0101 MW.....11:00am-11:50am (MHH 2212) Pourdeyhimi, B
F.....11:00am-12:50pm (MHH 2212) LAB

TEXT305 Textile Materials: Evaluation and Characterization; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....1:00pm- 1:50pm (MHH 0108) Yeh, K
M.....2:00pm- 4:30pm (MHH 2201) LAB
0102 MW.....1:00pm- 1:50pm (MHH 0108) Yeh, K
W.....2:00pm- 4:30pm (MHH 2201) LAB
0103 MW.....1:00pm- 1:50pm (MHH 0108) Yeh, K
F.....1:00pm- 3:30pm (MHH 2201) LAB
0104 MW.....1:00pm- 1:50pm (MHH 0108) Yeh, K
Tu.....2:00pm- 4:30pm (MHH 2201) LAB

TEXT347 History of Costume II; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....9:30am-10:45am (MHH 0108) Funderburk, J

TEXT355 Textile Furnishings; Grade Method: REG/P-F/AUD; Prerequisite: TEXT 205 (formerly TEXT 150) 3 credits
0101 MWF.....10:00am-10:50am (MHH 1400) Spivak, S

TEXT363 History of Textiles; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 TuTh.....12:30pm- 1:45pm (MHH 1304) Jung, K

TEXT365 (PermReq) Fashion Merchandising; Grade Method: REG/P-F/AUD; Limited to juniors and seniors. 3 credits
0101 MWF.....11:00am-11:50am (MHH 1304) Wagner, J

TEXT375 Economics of the Textile and Apparel Industry; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:15pm (MHH 0108) Chadwick, S

TEXT385 (PermReq) Junior Honors Seminar; Grade Method: S-F; Majors only. 1 credit
0101 Time and room to be arranged STAFF

TEXT388 (PermReq) Field Work and Analysis in Textiles; Grade Method: S-F; Limited to majors in textiles and consumer economics. 3-12 credits
0101 Time and room to be arranged Wagner, J

TEXT400 Research Methods; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:30am-10:45am (MHH 3418) Soberon-Ferrer,

TEXT425 Advanced Apparel Design; Grade Method: REG/P-F/AUD; Laboratory attendance is required. 3 credits
0101 MW.....8:00am-11:00am (MHH 2208) LAB Anderson, C

TEXT441 Clothing and Human Behavior; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (MHH 0108) Paoletti, J

TEXT452 Textile Science: Chemical Structures and Properties of Fibers; Grade Method: REG/P-F/AUD; Prerequisites: CHEM 103 and 104. 3 credits
0101 TuTh.....9:30am-10:30am (MHH 2401) Tsai, C
TuTh.....10:30am-12:30pm (MHH 2401) LAB

TEXT456 Textile Science: Dyes and Dye Application; Grade Method: REG/AUD; Prerequisite: TEXT 452. 3 credits
0101 TuTh.....9:30am-10:30am (MHH 2201) Yeh, K
TuTh.....10:30am-12:30pm (MHH 2201) LAB

TEXT470 Textile and Apparel Marketing; Grade Method: REG/AUD; 3 credits
0101 TuTh.....11:00am-12:15pm (MHH 1304) Wagner, J

TEXT488 (PermReq) Senior Honors Thesis; Grade Method: S-F; Individual Instruction course: contact department or instructor to obtain section number. Limited to students in the departmental honors program. 1-4 credits

TEXT498 (PermReq) Special Studies; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 2-4 credits

TEXT498B Special Studies: Computer-Simulated Merchandising; Grade Method: REG/P-F/AUD; Prerequisite: TEXT 365. 3 credits
0101 TuTh.....9:30am-10:45am (MHH 1314) Eckman, M

THET Theatre (Arts and Humanities)

(See also RTVF and SPCH)

THET110 Introduction to the Theatre; Grade Method: 3 credits

REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement;
0101 TuTh.....11:00am-12:15pm (SMH 2101) STAFF
0201 MWF.....12:00pm-12:50pm (SMH 2101) STAFF
0301 MWF.....1:00pm- 1:50pm (SMH 2101) STAFF
0401 TuTh.....9:30am-10:45am (SMH 2101) Elam, H
0501 MWF.....2:00pm- 2:50pm (LEF 2205) STAFF

THET111 Making Theatre: Art and Scholarship; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (TWS 1204) Gillespie, P

THET120 (PermReq) Acting I; Grade Method: REG/P-F/AUD; Students must contact department before registration for appropriate section. 3 credits
0101 TuTh.....11:00am- 1:00pm (TWS 1228) Lancaster, D
TuTh.....11:00am- 1:00pm (TWS 1228) LAB
0102 TuTh.....1:00pm- 3:00pm (TWS 1228) Dawson, C
TuTh.....1:00pm- 3:00pm (TWS 1228) LAB
0103 TuTh.....3:00pm- 5:00pm (TWS 1228) Baker, B
TuTh.....3:00pm- 5:00pm (TWS 1228) LAB

THET170 Stagecraft; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....11:00am-12:00pm (TWS 0241) Kriebs, D
M.....1:00pm- 4:00pm (TWS 0231) LAB
0102 TuTh.....11:00am-12:00pm (TWS 0241) Kriebs, D
Tu.....1:00pm- 4:00pm (TWS 0231) LAB
0103 TuTh.....11:00am-12:00pm (TWS 0241) Kriebs, D
W.....1:00pm- 4:00pm (TWS 0231) LAB
0104 TuTh.....11:00am-12:00pm (TWS 0241) Kriebs, D
Th.....1:00pm- 4:00pm (TWS 0231) LAB

THET221 (PermReq) Speech For the Stage; Grade Method: REG/P-F/AUD; 3 credits
0101 WF.....11:00am-12:50pm (TWS 0241) LAB Ufema, K

THET310 The American Theatre; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (A) Cultural and Historical requirement; 3 credits
0101 MWF.....10:00am-10:50am (JMZ 0220) Oleary, R

THET320 (PermReq) Acting II; Grade Method: REG/P-F/AUD; Prerequisite: THET 120. 3 credits
0101 MW.....9:00am-10:50am (TWS 0241) Patrick, M

THET330 (PermReq) Play Directing I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....3:00pm- 4:50pm (TWS 0241) Ufema, K

THET375 Scenic Design I; Grade Method: REG/P-F/AUD; 3 credits
0101 MW.....1:00pm- 2:50pm (TWS 1218) Stowe, L

THET386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

THET387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

THET420 (PermReq) Acting III; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:00am-10:50am (TWS 0241) Patrick, M

THET429 (PermReq) Actor's Studio; Grade Method: S-F; ; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

THET430 (PermReq) Play Directing II; Grade Method: REG/P-F/AUD; Prerequisite: THET 330. 3 credits
0101 MW.....3:00pm- 5:00pm (TWS 0241) Oleary, R

THET461 Theatre Management II; Grade Method: REG; 3 credits
0101 TuTh.....9:30am-10:45am (TWS 2230) Patterson, W

THET473 (PermReq) Scene Painting; Grade Method: REG; 3 credits
0101 MW.....9:00am-11:50am (TWS 0231) Stowe, L

THET474 (PermReq) Stage Management; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:00am-10:50am (TWS 1228) Kriebs, D

THET476 (PermReq) Lighting Design I; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....1:00pm- 3:00pm (TWS 0241) Coleman, D
Time and room to be arranged LAB

THET479 (PermReq) Theater Workshop; Grade Method: REG/P-F/AUD; 1-3 credits
0101 Time and room to be arranged Kriebs, D
0201 Time and room to be arranged STAFF
0301 Time and room to be arranged Coleman, D
0401 Time and room to be arranged Stowe, L

THET481 (PermReq) Stage Costume History and Design II; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....9:00am-11:00am (TWS 1218) Milton, A

THET487 (PermReq) Stage Costume Construction II; Grade Method: REG/P-F/AUD; 3 credits
0101 TuTh.....2:00pm- 3:50pm (TWS B0230D) Donnelly, D

THET491 History of the Theatre II; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....11:00am-11:50am (COL 3112) Schuler, C

THET495 History of Theatrical Theory and Criticism; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (TWS 1204) Meersman, R
0201 TuTh.....9:30am-10:45am (TWS 2212) Schuler, C

THET499 (PermReq) Independent Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

THET499A Independent Study: Non-Traditional Theatre; Grade Method: REG/AUD; 3 credits
0101 Th.....5:00pm- 7:40pm (TWS 1204) Elam, H

THET499C (PermReq) Independent Study: Computer-Assisted Design for the Theatre; Grade Method: REG; 3 credits
0101 MW.....3:30pm- 4:50pm (MMH 1413A) Coleman, D

THET499V Independent Study: Vocal Performance: Sound and Movement, Scansion and Oral Interpretation, Resonance and Character; Grade Method: REG/P-F/AUD; Prerequisite: THET 221. 3 credits
0101 MW.....1:00pm- 2:50pm (TWS 0241) Ufema, K

THET630 The Performing Arts: Contextual Approach; Grade Method: REG; 3 credits
0101 Tu.....4:00pm- 6:30pm (TWS 0138) Meersman, R

THET669 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

THET681 (PermReq) Theory of Visual Design in Costuming; Grade Method: REG/AUD; 3 credits
0101 Time and room to be arranged Milton, A

THET688A Special Problems in Drama: Modern Ideas on Drama; Grade Method: REG/AUD; 3 credits
0101 W.....3:30pm- 6:10pm (Arranged) Bentley, E

THET688C Special Problems in Drama: Greek Drama in Translation; Grade Method: REG; 3 credits
0101 Time and room to be arranged Knox, B

THET698A Seminar: Studies in Theatre: Non-Traditional Theatre; Grade Method: REG/AUD; 3 credits
0101 Th.....5:00pm- 7:40pm (TWS 1204) Elam, H

THET698B Seminar: Studies in Theatre: Master Class: Performance of Brecht; Grade Method: REG; 3 credits
0101 W.....1:00pm- 3:30pm (JMZ 4225) Bentley, E

THET788 (PermReq) Master's Tutorial; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

THET789 (PermReq) Master's Practicum; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

THET799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

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TXCE Textiles and Consumer Economics (Human Ecology)

TXCE600 Research Methods; Grade Method: REG/AUD; 3 credits
0101 TuTh.....3:30pm- 4:45pm (MMH 2210) Verma, S

TXCE608 (PermReq) Special Problems; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

TXCE625 Research Methods in Consumer Behavior; Grade Method: REG/AUD; Pre- or corequisite: TXCE 600. 3 credits
0101 Time and room to be arranged Ettenson, R

TXCE642 Management of Textile and Costume Collections; Grade Method: REG/AUD; 3 credits
0101 TBA (MMH 2210) Paoletti, J

TXCE647 Clothing and Comfort; Grade Method: REG/AUD; 3 credits
0101 Tu.....5:30pm- 8:10pm (MMH 2201) Hollies, N

TXCE650 Textile Economics; Grade Method: REG/AUD; 3 credits
0101 TBA (MMH 2210) Dardis, R

TXCE661 Dyes and Dye Application; Grade Method: REG/AUD; Prerequisite: TXCE 660 or consent of instructor. 3 credits
0101 TuTh.....9:30am-10:30am (MMH 2201) Yeh, K
TuTh.....10:30am-12:30pm (MMH 2201) LAB

TXCE671 Mechanical and Thermal Properties; Grade Method: REG/AUD; 3 credits
0101 W.....5:00pm- 9:00pm (MMH 2201) Pourdeyhimi, B

TXCE699 Research Seminar; Grade Method: S-F; 1 credit
0101 M.....4:00pm- 4:50pm (MMH 1304) Smith, B

TXCE710 Public Policy and the Consumer; Grade Method: REG/AUD; 3 credits
0101 W.....5:00pm- 7:40pm (MMH 2210) Dardis, R

TXCE799 (PermReq) Master's Thesis Research: Non-Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

TXCE899 (PermReq) Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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UMEI Maryland English Institute (Arts and Humanities)

UMEI001 (PermReq) English as a Foreign Language: Beginning; Grade Method: S-F; See Director, UMEI, 1104 Preinkert. Student not permitted to enroll in any other work. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. No credit
0101 Time and room to be arranged STAFF

UMEI002 (PermReq) English as a Foreign Language: Intermediate I; Grade Method: S-F; See Director, UMEI, 1104 Preinkert. Student not permitted to enroll in any other course work. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. No credit
0101 Time and room to be arranged STAFF

UMEI003 (PermReq) English as a Foreign Language: Intermediate II; Grade Method: S-F; See Director, UMEI, 1104 Preinkert. Student not permitted to enroll in any other course work. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes. No credit
0101 MWF.....11:00am-12:00pm (JRN 1103) STAFF
TuTh.....11:00am-12:00pm (JMZ 0202)

UMEI004 (PermReq) English as a Foreign Language: Intermediate III; Grade Method: S-F; See Director, UMEI, 1104 Preinkert. Student not permitted to enroll in any other course work. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes. No credit
0101 MWF.....10:00am-12:00pm (ARC 1125) STAFF
TuTh.....10:00am-12:00pm (JMZ 1124)

UMEI005 (PermReq) Advanced English as a Foreign Language; Grade Method: S-F; See Director, UMEI, 1104 Preinkert. Undergraduate student also required to enroll in two courses not to exceed eight hours. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is charged for this course. See financial section in Schedule of Classes. 6 credits
0101 MWF.....9:00am-11:00am (ASY 3215) STAFF
TuTh.....9:00am-11:00am (EDU 1203)
0201 MTuWTh....10:00am-12:00pm (EDU 0206) Salus, S
F.....10:00am-12:00pm (EDU 2203)
0301 MWF.....10:00am-12:00pm (ARC 1123) STAFF
TuTh.....10:00am-12:00pm (ARC 1121)
0401 MTuWThF....1:00pm- 3:00pm (JRN 1101) STAFF

UMEI005A Advanced English as a Foreign Language; Grade Method: S-F; For teaching assistants. An additional fee is charged for this course. See financial section in Schedule of Classes. 6 credits
0101 MTuWTh....10:00am-12:00pm (EDU 0210) STAFF
F.....10:00am-12:00pm (JRN 1104)

UMEI006 English Pronunciation; Grade Method: S-F; This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is charged for this course. See financial section in Schedule of Classes. 1 credit
0101 Tu.....1:00pm- 3:00pm (JMZ 1109) STAFF
0201 W.....10:00am-12:00pm (EDU 1315) STAFF

UMEI008 (PermReq) Advanced Oral Communication Skills; Grade Method: S-F; See Director, UMEI, 1104 Preinkert. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. 1 credit
0101 TuTh.....1:00pm- 3:00pm (ARC 1121) STAFF

URBS Institute for Urban Studies (Behavior & Social Sci)

URBS100 Introduction to Urban Studies; Grade Method: REG/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 1201) Williams, B

URBS210 Behavioral and Social Dimensions of the Urban Community; Grade Method: REG/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; 3 credits
0101 MWF.....12:00pm-12:50pm (MMH 1304) Hula, R

URBS220 Environmental and Technological Dimensions 3 credits
of the Urban Community; Grade Method: REG/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement;
0101 Th.....4:00pm- 6:40pm (LEF 2205) Baum, H

URBS386 (PermReq) Field Work; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Learning contract must be obtained in 0119 Hornbake. Must be taken concurrently with URBS 387. Contact instructor for group seminar dates. 1-3 credits

URBS387 (PermReq) Field Work Analysis; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Learning contract must be obtained from 0119 Hornbake. Must be taken with URBS 386. Contact instructor for group seminar dates. 1-3 credits

URBS397H (PermReq) Honors Independent Reading; Grade Method: REG; 3 credits
0101 Time and room to be arranged Corey, K

URBS399A (PermReq) Independent Study in Urban Topics; Grade Method: REG; Independent study related to internship. Concurrent registration with URBS 438 is possible. 3 credits
0101 Time and room to be arranged Williams, B

URBS399I (PermReq) Independent Study in Urban Topics; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

URBS399R (PermReq) Independent Study in Urban Topics: Independent Readings; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

URBS410 The Development of the American City; Grade Method: REG/AUD; 3 credits
0101 M.....4:30pm- 7:00pm (LEF 2166) Levin, M

URBS438 (PermReq) Urban Internship; Grade Method: REG; See instructor for group seminar dates. 1-6 credits
0101 TuTh.....1:00pm- 3:00pm (Arranged) Williams, B
0102 TuTh.....1:00pm- 3:00pm (Arranged) Williams, B

URBS440 City and Regional Economic Development; Grade Method: REG/AUD; Prerequisite: URBS 210 and ECON 105 or ECON 201, or ECON 205. 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 1201) Howland, M

URBS488A Selected Topics in Urban Studies: Computer Mapping; Grade Method: REG/P-F/AUD; 3 credits
0101 W.....6:30pm- 9:10pm (LEF 1221) Trainor, T

URBS488C Selected Topics in Urban Studies: Housing Costs and Financing; Grade Method: REG; Prerequisites: MATH 110, ECON 205 or equivalent. 3 credits
0101 MW.....8:00am- 9:15am (SKN 1106) Chen, A

URBS488E Selected Topics in Urban Studies: Human Behavior and Physical Environment; Grade Method: REG; 3 credits
0101 Tu.....5:30pm- 8:10pm (LEF 1179) Brower, S

URBS488I Selected Topics in Urban Studies: Geographic Information Systems; Grade Method: REG/P-F/AUD; Prerequisite: GEOG 373 or consent of instructor. This course is a prerequisite for GEOG 696. 3 credits
0101 MW.....4:00pm- 5:15pm (LEF 1124) Thompson, D

URBS488T Selected Topics in Urban Studies: Urban Transportation and Transit Planning and Management; Grade Method: REG/P-F/AUD; 3 credits
0101 MWF.....10:00am-10:50am (LEF 1222) Standish, B

URBS488X Selected Topics in Urban Studies: Urban Problems Seminar; Grade Method: REG/AUD; 3 credits
0101 Th.....4:00pm- 6:30pm (LEF 1201) Brower, S
Prerequisite: Admissions to honors program in URBS or other depts.

URBS499H Honors Thesis; Grade Method: REG; 3 credits
0101 Time and room to be arranged Corey, K

URBS601 Urban Research Methods: Multivariate Statistics; Grade Method: REG/AUD; Prerequisite: URBS 350 or equivalent and GEOG 483, or section 0301, or permission. Because of pending curriculum changes, course content may differ from catalog description. 3 credits
0101 W.....6:30pm- 9:10pm (LEF 1220) Chang, W

URBS660 Function and Structure of Metropolitan Areas; Grade Method: REG/AUD; Prerequisite: URBS 480 or its equivalent or permission of instructor. 3 credits
0101 Th.....7:00pm- 9:40pm (LEF 1208) Howland, M

URBS666 (PermReq) Urban Management: Personnel, Budgeting and Planning; Grade Method: REG/AUD; Prerequisites: URBS 488M or URBS 670 or permission of instructor. 3 credits
0101 Tu.....6:30pm- 9:10pm (LEF 1201) Levin, M

URBS670 Urban Public Policy Analysis; Grade Method: REG/AUD; 3 credits
0101 M.....7:00pm- 9:40pm (LEF 1201) Hula, R

URBS688E Recent Developments in Urban Studies: Human Behavior and the Physical Environment; Grade Method: REG; 3 credits
0101 Tu.....5:30pm- 8:10pm (LEF 1179) Brower, S

URBS688X Recent Developments in Urban Studies: Urban Problem Seminar; Grade Method: REG/AUD; 3 credits
0101 Th.....4:00pm- 6:30pm (LEF 1201) Brower, S

URBS689 (PermReq) Internship Seminar; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. See instructor for group seminar dates. Concurrent registration with URBS 698A possible. 3-6 credits

URBS691 Politics and Planning; Grade Method: REG/AUD; 3 credits
0101 W.....4:00pm- 6:30pm (LEF 1179) Baum, H

URBS698A (PermReq) Independent Study in Urban Topics; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. Concurrent registration with URBS 689 is possible. See instructor for group seminar dates. 3 credits

URBS698I (PermReq) Independent Study in Urban Topics; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

URBS698R (PermReq) Independent Study in Urban Topics: Independent Readings; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 3 credits

URBS799 (PermReq) Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

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WMST Women's Studies (Arts and Humanities)

Both WMST 200 and 250 serve as introductory courses for WMST and are required before taking any other course with a WMST prefix.

WMST200 Introduction to Women's Studies: Women and Society; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement; A third hour discussion will be arranged in the first lecture. 3 credits
0101 MWF.....10:00am-10:50am (HBK 0117) Zeiger, R
Time and room to be arranged DIS
0201 MWF.....11:00am-11:50am (HBK 0117) Zeiger, R
Time and room to be arranged DIS

See note before WMST 200.

WMST250 Introduction to Women's Studies: Women, Art and Culture; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (C) Literature and the Arts requirement; A third hour discussion will be arranged in the first lecture. — 3 credits
0201 TuTh.....11:00am-11:50am (HBK 0125) Meyer, N
Time and room to be arranged DIS
0301 TuTh.....1:00pm- 1:50pm (HBK 0125) Meyer, N
Time and room to be arranged DIS

WMST350 (PermReq) Feminist Education Practicum; Grade Method: REG/P-F/AUD; Corequisite: WMST 351. — 3 credits
0101 Time and room to be arranged Meyer, N
0501 Time and room to be arranged Zeiger, R

WMST351 (PermReq) Feminist Education Analysis; Grade Method: REG/P-F/AUD; Corequisite: WMST 350. — 3 credits
0101 Time and room to be arranged Meyer, N
0501 Time and room to be arranged Zeiger, R

WMST386 (PermReq) Field Work; Grade Method: REG/P-F/AUD; Co-requisite: WMST 387; prerequisite: WMST 200 or 250 or consent of instructor or WMST advisor. — 3 credits
0101 M.....4:00pm- 6:00pm (MIL 1106) Stark, D
Time and room to be arranged DIS

WMST387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD; Corequisite: WMST 386; prerequisites: WMST 200 or 250 or consent or instructor or WMST advisor. — 3 credits
0101 M.....4:00pm- 6:00pm (MIL 1106) Stark, D
Time and room to be arranged

WMST400 Theories of Feminism; Grade Method: REG/P-F/AUD; Meets USP Advanced Studies Development of Knowledge requirement; Prerequisite: student must have taken WMST 200 or WMST 250 to enroll in this course. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (HBK 1108) Pratt, M
0201 MW.....4:00pm- 5:15pm (HBK 1112) Moses, C

WMST498D Special Topics in Women's Studies: Psychoanalytic Theories on Women; Grade Method: REG/P-F/AUD; Prerequisite: upperclass standing or permission of the instructor. — 3 credits
0101 TuTh.....9:30am-10:45am (HBK 1108) Austin, M

WMST499 (PermReq) Independent Study; Grade Method: REG/P-F/AUD; Prerequisite: 3 hours of WMST, upperclass standing, and permission of instructor. — 1-3 credits
0101 Time and room to be arranged Beck, E
0301 Time and room to be arranged Moses, C

WMST699 (PermReq) Independent Study; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: graduate student standing and permission of instructor. — 1-3 credits

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ZOOL Zoology (Life Sciences)

ZOOL181 Life in the Oceans; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; Prerequisite: An introductory course in biological principles. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (ZOP 1250) Clark, E

ZOOL202 Human Anatomy and Physiology II; Grade Method: REG/P-F/AUD; Professor-in-charge: Olek. Laboratory supervisor: Spalding. Prerequisites: ZOOL 101 or equivalent. — 4 credits
0101 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
M.....10:00am- 1:00pm (ZOP 0205) LAB
0102 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
M.....1:00pm- 4:00pm (ZOP 0205) LAB
0103 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
M.....4:00pm- 7:00pm (ZOP 0205) LAB
0104 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
Tu.....8:00am-11:00am (ZOP 0205) LAB
0105 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
Tu.....11:00am- 2:00pm (ZOP 0205) LAB
0106 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
Tu.....2:00pm- 5:00pm (ZOP 0205) LAB
0107 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
W.....10:00am- 1:00pm (ZOP 0205) LAB
0108 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
W.....1:00pm- 4:00pm (ZOP 0205) LAB
0109 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
Th.....8:00am-11:00am (ZOP 0205) LAB
0110 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
Th.....11:00am- 2:00pm (ZOP 0205) LAB
0111 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
Th.....2:00pm- 5:00pm (ZOP 0205) LAB
0112 MWF.....9:00am- 9:50am (ZOP 1240) Olek, A
F.....10:00am- 1:00pm (ZOP 0205) LAB

ZOOL210 Animal Diversity; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 4 credits
0101 TuTh.....11:00am-11:50am (ZOP 1240) Reaka, M
MF.....10:00am-12:00pm (ZOP 0271) LAB
0102 TuTh.....11:00am-11:50am (ZOP 1240) Reaka, M
MF.....12:00pm- 2:00pm (ZOP 0271) LAB
0103 TuTh.....11:00am-11:50am (ZOP 1240) Reaka, M
TuTh.....9:00am-11:00am (ZOP 0271) LAB
0104 TuTh.....11:00am-11:50am (ZOP 1240) Reaka, M
TuTh.....1:00pm- 3:00pm (ZOP 0271) LAB
0105 TuTh.....11:00am-11:50am (ZOP 1240) Reaka, M
TuTh.....3:00pm- 5:00pm (ZOP 0271) LAB
0107 TuTh.....11:00am-11:50am (ZOP 1240) Reaka, M
MF.....10:00am-12:00pm (ZOP 0257) LAB
0108 TuTh.....11:00am-11:50am (ZOP 1240) Reaka, M
MF.....12:00pm- 2:00pm (ZOP 0257) LAB
0109 TuTh.....11:00am-11:50am (ZOP 1240) Reaka, M
TuTh.....9:00am-11:00am (ZOP 0257) LAB
0110 TuTh.....11:00am-11:50am (ZOP 1240) Reaka, M
TuTh.....1:00pm- 3:00pm (ZOP 0257) LAB

ZOOL211 Cell Biology and Physiology; Grade Method: REG/P-F/AUD; Professor-in-charge: Colombini. Lecturers: Prof. Ades, Bonar, Colombini, Goode. Prerequisite: CHEM 103. — 4 credits
0101 MWF.....11:00am-11:50am (ZOP 1250) Colombini, M
M.....2:00pm- 5:00pm (ZOP 0283) LAB
0102 MWF.....11:00am-11:50am (ZOP 1250) Colombini, M
Tu.....9:00am-12:00pm (ZOP 0283) LAB
0103 MWF.....11:00am-11:50am (ZOP 1250) Colombini, M
Tu.....2:00pm- 5:00pm (ZOP 0283) LAB
0104 MWF.....11:00am-11:50am (ZOP 1250) Colombini, M
W.....2:00pm- 5:00pm (ZOP 0283) LAB
0105 MWF.....11:00am-11:50am (ZOP 1250) Colombini, M
Th.....9:00am-12:00pm (ZOP 0283) LAB
0106 MWF.....11:00am-11:50am (ZOP 1250) Colombini, M
Th.....2:00pm- 5:00pm (ZOP 0283) LAB
0107 MWF.....11:00am-11:50am (ZOP 1250) Colombini, M
W.....6:00pm- 9:00pm (ZOP 0283) LAB
0108 MWF.....11:00am-11:50am (ZOP 1250) Colombini, M
F.....2:00pm- 5:00pm (ZOP 0283) LAB

ZOOL212 Ecology, Evolution and Behavior; Grade Method: REG/P-F/AUD; Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement; — 4 credits
0102 MWF.....11:00am-11:50am (ZOP 1243) Borgia, G
Tu.....1:00pm- 4:00pm (ZOP 0275) LAB
0103 MWF.....11:00am-11:50am (ZOP 1243) Borgia, G
W.....1:00pm- 4:00pm (ZOP 0275) LAB
0104 MWF.....11:00am-11:50am (ZOP 1243) Borgia, G
Th.....1:00pm- 4:00pm (ZOP 0275) LAB
0105 MWF.....11:00am-11:50am (ZOP 1243) Borgia, G
Th.....9:00am-12:00pm (ZOP 0275) LAB

ZOOL213 Genetics; Grade Method: REG/P-F/AUD; Prerquisites: one year of chemistry and a course in a biological science. — 4 credits
0101 MWF.....9:00am- 9:50am (ZOP 1250) Imberski, R
M.....2:00pm- 5:00pm (ZOP 0245) LAB
0102 MWF.....9:00am- 9:50am (ZOP 1250) Imberski, R
Tu.....9:00am-12:00pm (ZOP 0245) LAB
0103 MWF.....9:00am- 9:50am (ZOP 1250) Imberski, R
Tu.....1:00pm- 4:00pm (ZOP 0245) LAB
0104 MWF.....9:00am- 9:50am (ZOP 1250) Imberski, R
W.....1:00pm- 4:00pm (ZOP 0245) LAB
0106 MWF.....9:00am- 9:50am (ZOP 1250) Imberski, R
Th.....1:00pm- 4:00pm (ZOP 0245) LAB
0108 MWF.....9:00am- 9:50am (ZOP 1250) Imberski, R
F.....12:00pm- 3:00pm (ZOP 0245) LAB

ZOOL299 Supplemental Study in Zoology; Grade (PermReq) Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ZOOL308H Honors Seminar; Grade Method: REG/P-F/AUD; See Prof. Levitan for day and time of seminar. Prerequisite: participation in honors program. — 1 credit
0101 Time and room to be arranged Levitan, H

ZOOL309H (PermReq) Honors Independent Study; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: paticipation in honors program. — 1-4 credits

ZOOL318H (PermReq) Honors Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: participation in honors program. — 1-2 credits

ZOOL319 (PermReq) Special Problems in Zoology; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: major in zoology or biological sciences, G.P.A. of 3.00 in biological sciences, consent of instructor. — 1-2 credits

ZOOL328C Selected Topics in Zoology: Neurophysiology; Grade Method: REG/P-F/AUD; Lectures of ZOOL 421 for undergraduate students. Graduate students register for ZOOL 708C. Course will be co-taught by William Higgins and Richard Payne. — 3 credits
3801 TuTh.....11:00am-12:15pm (ZOP 1243) Higgins, W

ZOOL328P Selected Topics in Zoology: Computer Simulation and Modeling of Biological Systems; Grade Method: REG/P-F/AUD; — 4 credits
0101 TuTh.....9:30am-10:45am (ZOP 1234) Levitan, H
Time and room to be arranged LAB

ZOOL328V Selected Topics in Zoology: Vertebrate Zoology; Grade Method: REG/P-F/AUD; Prerequisite: ZOOL 212 or permission of the instructor. — 2 credits
0101 TuTh.....2:00pm- 2:50pm (ZOP 1236) Highton, R

ZOOL328X Selected Topics in Zoology: Field Trips and Laboratory in Vertebrate Zoology; Grade Method: REG/P-F/AUD; Concurrent registration in ZOOL 328V is required. — 1 credit
0101 Time and room to be arranged LAB Highton, R

ZOOL328Z (PermReq) Selected Topics in Zoology: Field Research; Grade Method: REG/P-F/AUD; Individual Instruction course: contact department or instructor to obtain section number. Cannot be used as credit toward the ZOOL major requirements. — 1-3 credits

ZOOL346 Human Genetics and Society; Grade Method: REG; Meets USP Advanced Studies Analysis of Human Problems requirement; Prerequisites: two college courses in the natural sciences and/or mathematics. — 3 credits
0101 MWF.....9:00am- 9:50am (ZOP 1238) Barnett, A

ZOOL368 Laboratory Techniques in Behavioral Endocrinology; Grade Method: S-F; Prerequisite: ZOOL 326. — 2 credits
0101 Time and room to be arranged LAB Carter-Porges,

ZOOL413 Biophysics; Grade Method: REG/P-F/AUD; Prerequisites: ZOOL 211, PHYS 122 or 142, MATH 140 or 220. Co-taught by M. Goode and M. Colombini. — 3 credits
0101 MWF.....10:00am-10:50am (ZOP 1238) Goode, M

ZOOL416 Biology of Cancer; Grade Method: REG/P-F/AUD; — 3 credits
0101 MWF.....9:00am- 9:50am (ZOP 1243) Ades, I

ZOOL421 Neurophysiology; Grade Method: REG/P-F/AUD; Undergraduate students may enroll for lectures of course under ZOOL 328C. Graduate students may enroll for lectures of course under ZOOL 708C. Prerequisites: ZOOL 211, CHEM 233, physics through introduction to electricity and magnetism. Course co-taught by William Higgins and Richard Payne. — 4 credits
0101 TuTh.....11:00am-12:15pm (ZOP 1243) Higgins, W
Tu.....2:00pm- 5:00pm (ZOP 2223) LAB
0102 TuTh.....11:00am-12:15pm (ZOP 1243) Higgins, W
Th.....2:00pm- 5:00pm (ZOP 2223) LAB
0103 TuTh.....11:00am-12:15pm (ZOP 1243) Higgins, W
M.....2:00pm- 5:00pm (ZOP 2223) LAB

ZOOL426 General Endocrinology; Grade Method: REG/P-F/AUD; Prerequisites: ZOOL 211, CHEM 233, CHEM 243. — 3 credits
0101 TuTh.....8:00am- 9:15am (ZOP 1250) Chen, T

ZOOL430 Developmental Biology; Grade Method: REG/P-F/AUD; — 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 1234) Bonar, D

ZOOL452 Recombinant DNA; Grade Method: REG/P-F/AUD; Prerequisites: ZOOL 211 or ZOOL 213 or permission of instructor. — 3 credits
4001 TuTh.....9:30am-10:45am (ZOP 1250) Shapiro, S

ZOOL465 Behavioral Ecology; Grade Method: REG/P-F/AUD; Prerequisite: ZOOL 212 or permission of instructor. — 4 credits
0101 MW.....3:30pm- 4:45pm (ZOP 1238) Borgia, G
Th.....9:00am-12:00pm (ZOP 0263) LAB
0102 MW.....3:30pm- 4:45pm (ZOP 1238) Borgia, G
F.....2:00pm- 5:00pm (ZOP 0263) LAB

ZOOL468 Experimental Behavioral Endocrinology; Grade Method: REG/P-F/AUD; Prerequisite: ZOOL 368. — 2 credits
0101 Time and room to be arranged LAB Carter-Porges,

ZOOL472 Protozoology; Grade Method: REG/P-F/AUD; Prerequisite: One year of biology. — 4 credits
0101 TuTh.....1:00pm- 1:50pm (ZOP 1236) Small, E
TuTh.....2:00pm- 5:00pm (ZOP 0221) LAB

ZOOL495 Mammalian Histology; Grade Method: REG/P-F/AUD; Prerequisites: ZOOL 211 and ZOOL422. — 4 credits
0101 WF.....8:00am- 8:50am (ZOP 1243) Linder, H
WF.....10:00am- 1:00pm (ZOP 2245) LAB

ZOOL608J (PermReq) Zoology Seminar: Behavior; Grade Method: REG/AUD; Open to all graduate students. Advanced special students require Department authorization. — 1 credit
3901 Time and room to be arranged Wilkinson, G

ZOOL608O Zoology Seminar: Molecular and Cellular Biology; Grade Method: REG/AUD; — 1 credit
4001 W.....12:00pm-12:50pm (ZOP 1208) STAFF

ZOOL608R Zoology Seminar: Reproductive Biology; Grade Method: REG/AUD; — 1 credit
0101 Time and room to be arranged Carter-Porges,

ZOOL609 Special Problems in Zoology; Grade Method: REG/AUD; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ZOOL612 (PermReq) Electron Microscopy Laboratory I; Grade Method: REG; Prerequisites: lecture course in electron microscopy and permission of instructor. — 3 credits
0101 TuTh.....1:00pm- 5:00pm (ZOP 0233) LAB Goode, M

ZOOL670 Concepts in Animal Ecology; Grade Method: REG/AUD; — 4 credits
0101 Tu.....1:00pm- 4:00pm (ZOP 1232) Gill, D
Time and room to be arranged

ZOOL676 Behavioral Ecology; Grade Method: REG/AUD; Prerequisites: A course in ecology and a course in behavior, or permission of instructor. — 4 credits
0101 MW.....3:30pm- 4:45pm (ZOP 1238) Borgia, G
Th.....9:00am-12:00pm (ZOP 0263) LAB
0102 MW.....3:30pm- 4:45pm (ZOP 1238) Borgia, G
F.....2:00pm- 5:00pm (ZOP 0263) LAB

ZOOL708C Advanced Topics in Zoology: Neurophysiology; Grade Method: REG/AUD; Lectures of ZOOL 421. Graduate students register for ZOOL 708C. Co-taught by W. Higgins and R. Payne. — 3 credits
3801 TuTh.....11:00am-12:15pm (ZOP 1243) Higgins, W

ZOOL708D Advanced Topics in Zoology: Recombinant DNA; Grade Method: REG/AUD; Advanced special students require department authorization. Prerequisites: ZOOL 211 or ZOOL 213 or permission of instructor. — 3 credits
4001 TuTh.....9:30am-10:45am (ZOP 1250) Shapiro, S

ZOOL708N (PermReq) Advanced Topics in Zoology: Membrane Physiology; Grade Method: REG/AUD; Advanced special students require department authorization. — 1 credit
3401 Time and room to be arranged Colombini, M

ZOOL799 Master's Thesis Research; Grade Method: REG; Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ZOOL899 Doctoral Dissertation Research; Grade Method: REG; Individual Instruction course: contact department or instructor obtain section number. — 1-8 credits

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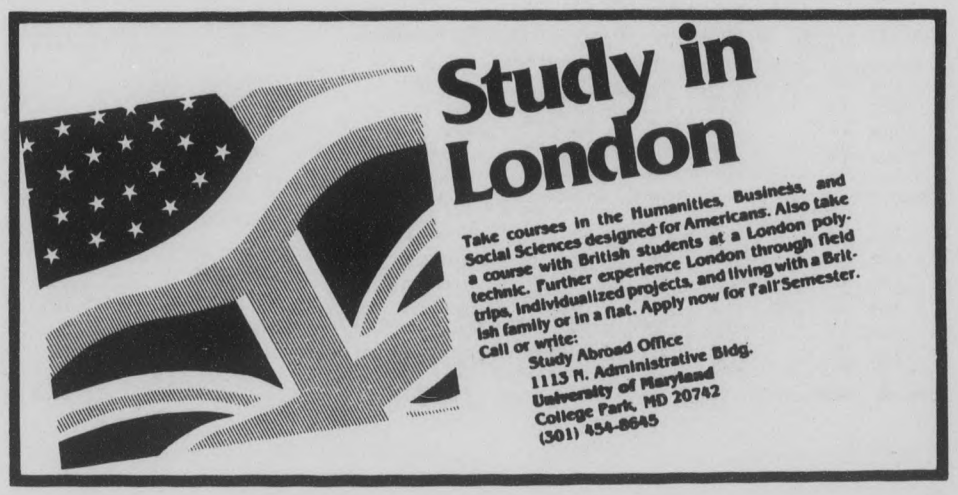

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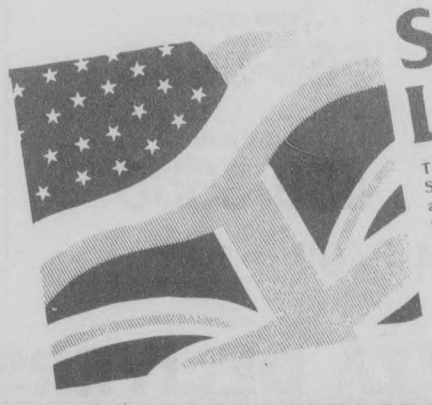

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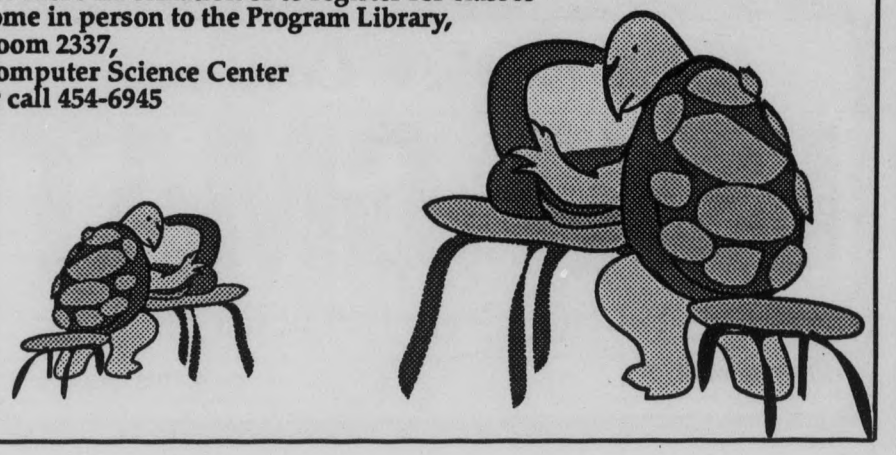

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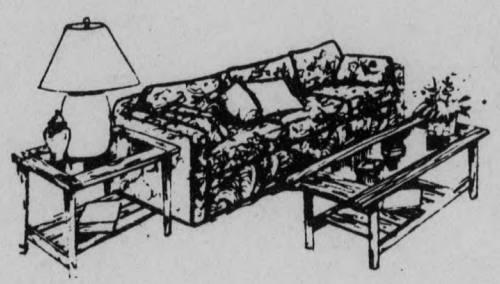

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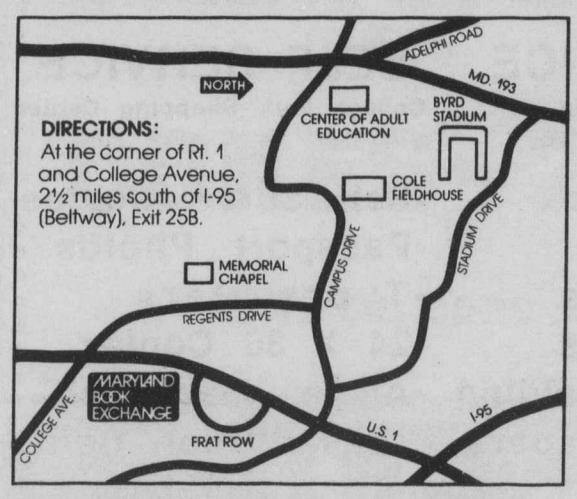

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